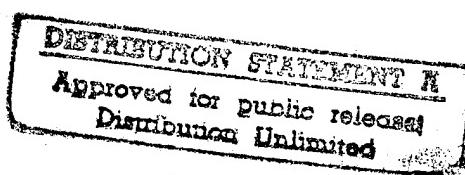


PB83-156075

R, D, T and E (Research, Development,
Test and Evaluation) Program (R-1),
Department of Defense Budget for
Fiscal Year 1984

(U.S.) Department of Defense
Washington, DC

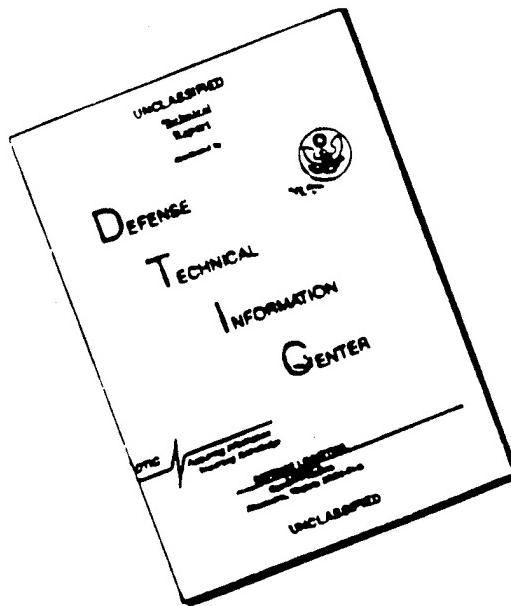
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PB83-156075



R,D,T & E PROGRAMS (R-1)

DEPARTMENT OF DEFENSE BUDGET
FOR FISCAL YEAR 1984

JANUARY 31, 1983

50272-101

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<p>This document provides details of the request for the FY 1984 Research, Development, Test and Evaluation (R,D,T&E) Program of the Department of Defense. It is derived from and is consistent with the DoD Five Year Defense Program R,D,T&E Annex data base.</p>																		
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a. Descriptors	Development	R-1																
Department of Defense	Test																	
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Preface

The R.D.T.&E. Programs (R-1) exhibit is derived from and consistent with the DoD Five Year Defense Program R.D.T.&E. Annex data base. The R-1 is provided annually to the DoD oversight committees of the Congress coincident with the transmission by the President of the Budget of the United States Government. It is accompanied by an automated data base submission to the House Committee on Administration for input to the House Information System. An unclassified version is provided to OASD(PA) for use by non-DoD activities.

Office of the Assistant Secretary of Defense

Comptroller

INDEX

	<u>Page</u>
<u>DoD Summary</u>	II & III
<u>Army Tab</u>	A-1
<u>Army Summary</u>	A-1 thru A-14
<u>Army R-1</u>	
<u>Navy Tab</u>	N-I
<u>Navy Summary</u>	N-1 thru N-18
<u>Navy R-1</u>	
<u>Air Force Tab</u>	F-I
<u>Air Force Summary</u>	F-1 thru F-13
<u>Air Force R-1</u>	
<u>Defense Agency Tab</u>	D-1
<u>Defense Agency Summary</u>	D-1 thru D-3
<u>Defense Agency R-1</u>	
<u>Director, Test and Evaluation Summary</u>	D-4
<u>Director, Test and Evaluation R-1</u>	D-5
<u>Individual Defense Agency R-1</u>	D-6 thru D-15

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DEPARTMENT OF DEFENSE
FY 1984 R D T & E PROGRAM
SUMMARY

EXHIBIT R-1

DATE: 31 JAN 1983

	THOUSANDS OF DOLLARS		
	FY 1982	FY 1983	FY 1984
SUMMARY BY APPROPRIATION			
RESEARCH DEVELOPMENT TEST + EVAL, ARMY	3,619,535	3,884,783	4,792,200
RESEARCH DEVELOPMENT TEST + EVAL, NAVY	5,834,626	6,086,031	8,181,043
RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE	8,997,771	10,625,561	13,652,273
RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,697,646	2,153,189	2,939,900
DIRECTOR OF TEST + EVALUATION, DEFENSE	63,000	65,000	66,800
TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION	20,102,578	22,804,564	29,622,216
SUMMARY RECAP OF RESEARCH CATEGORIES			
RESEARCH	697,298	779,132	850,440
EXPLORATORY DEVELOPMENT	2,235,303	2,433,680	2,693,245
ADVANCED DEVELOPMENT	3,448,521	3,851,648	6,364,891
ENGINEERING DEVELOPMENT	7,692,985	8,641,451	10,618,434
MANAGEMENT AND SUPPORT	2,032,187	2,200,839	2,371,872
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	16,106,284	17,906,750	22,798,882
OPERATIONAL SYSTEMS DEVELOPMENT	3,996,314	4,897,814	6,823,334
TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION	20,102,578	22,804,564	29,622,216
			34,205,808

PAGE 11

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF DEFENSE
FY 1984 R D T & E PROGRAM

EXHIBIT R-1

SUMMARY

DATE: 31 JAN 1983

THOUSANDS OF DOLLARS

	FY 1982	FY 1983	FY 1984	FY 1985
SUMMARY RECAP OF BUDGET ACTIVITIES				
TECHNOLOGY BASE	2,932,601	3,212,812	3,543,685	3,943,476
ADVANCED TECHNOLOGY DEVELOPMENT	761,211	820,428	1,233,118	1,619,240
STRATEGIC PROGRAMS	4,636,354	5,900,741	9,159,503	10,632,074
TACTICAL PROGRAMS	6,889,578	7,226,805	8,849,478	10,126,838
INTELLIGENCE AND COMMUNICATIONS	2,160,384	2,724,886	3,576,304	4,200,182
DEFENSEWIDE MISSION SUPPORT	2,732,460	2,916,895	3,260,128	3,683,996
TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION	20,102,578	22,804,564	29,622,216	34,206,808
SUMMARY RECAP OF FYDP PROGRAMS				
STRATEGIC FORCES	710,602	781,613	798,998	683,982
GENERAL PURPOSE FORCES	874,881	1,144,807	1,691,610	1,913,086
INTELLIGENCE AND COMMUNICATIONS	2,371,959	2,941,846	4,290,717	5,099,863
AIRLIFT/SEALIFT	23,944	10,822	11,760	4,597
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	16,106,264	17,906,750	22,798,882	26,466,746
CENTRAL SUPPLY AND MAINTENANCE	11,458	13,738	22,453	27,713
TRAINING MEDICAL AND OTHER	800		2,874	5,107
SUPPORT OF OTHER NATIONS	2,670	4,788	4,922	4,714
TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION	20,102,578	22,804,564	29,622,216	34,205,808

PAGE 111

UNCLASSIFIED

ARMY

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

EXHIBIT R-1

SUMMARY

DATE: 31 JAN 1983

SUMMARY RECAP OF RESEARCH CATEGORIES

RESEARCH EXPLORATORY DEVELOPMENT
ADVANCED DEVELOPMENT
ENGINEERING DEVELOPMENT
MANAGEMENT AND SUPPORT

RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)
OPERATIONAL SYSTEMS DEVELOPMENT

TOTAL RESEARCH DEVELOPMENT TEST + EVAL, ARMY

	FY 1982	FY 1983	FY 1984	FY 1985
179,197	202,402	221,409	240,120	
423,338	461,857	514,145	570,619	
919,262	1,143,940	1,710,008	3,215,351	
1,174,739	989,561	1,094,253	1,265,284	
632,390	795,327	829,545	969,519	
3,378,326	3,593,087	4,369,360	6,260,893	
240,609	291,896	422,940	556,621	
3,619,535	3,884,783	4,792,200	6,817,514	

SUMMARY RECAP OF BUDGET ACTIVITIES

TECHNOLOGY BASE
ADVANCED TECHNOLOGY DEVELOPMENT
STRATEGIC PROGRAMS
TACTICAL PROGRAMS
INTELLIGENCE AND COMMUNICATIONS
DEFENSEWIDE MISSION SUPPORT

TOTAL RESEARCH DEVELOPMENT TEST + EVAL, ARMY

602,535	664,259	735,354	810,739
200,008	253,222	419,496	675,005
462,109	569,376	763,062	1,619,838
1,568,843	1,511,901	1,978,170	2,578,180
54,731	76,355	88,659	123,756
731,309	804,670	848,259	1,009,992
3,619,535	3,884,783	4,792,200	6,817,514

SUMMARY RECAP OF FYDP PROGRAMS

STRATEGIC FORCES
GENERAL PURPOSE FORCES
INTELLIGENCE AND COMMUNICATIONS
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)

TOTAL RESEARCH DEVELOPMENT TEST + EVAL, ARMY

22,852	50,309	44,353	39,621
161,517	183,586	284,784	385,335
56,240	57,801	93,703	131,665
3,378,926	3,593,087	4,369,360	6,260,893
3,619,535	3,884,783	4,792,200	6,617,514

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DEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985	FY 1986	THOUSANDS OF DOLLARS
1 61101A	IN-HOUSE LAB INDEPENDENT RESEARCH	1	21,529	21,902	22,251	25,986	U	
2 61102A	DEFENSE RESEARCH SCIENCES	1	157,668	180,500	199,156	214,134	U	
3 62105A	MATERIALS	1	13,205	9,588	12,298	11,394	U	
4 62111A	ATMOSPHERIC INVESTIGATIONS	1	5,034	5,031	5,012	6,115	U	
5 62120A	FUZE/NUCLEAR WPNS EFFECTS/FLUIDICS	1	8,050	6,514	9,923	6,558	U	
6 62201A	AIRCRAFT WEAPONS TECHNOLOGY	1	4,000	2,485	3,132	3,342	U	
7 62202A	AIRCRAFT AVIONICS TECHNOLOGY	1	5,877	7,278	8,561	8,180	U	
8 62209A	AERONAUTICAL TECHNOLOGY	1	16,522	22,286	25,612	28,022	U	
9 62210A	AIRDROP TECHNOLOGY	1	1,415	1,684	2,038	2,170	U	
10 62303A	MISSILE TECHNOLOGY	1	28,793	32,558	34,962	36,141	U	
11 62307A	LASER WEAPON TECHNOLOGY	1	23,295	41,881	32,839	36,284	U	
12 62601A	TANK AND AUTOMOTIVE TECHNOLOGY	1	17,437	16,952	24,662	22,849	U	
13 62603A	LARGE CAL AND NUCLEAR TECHNOLOGY	1	22,652	16,793				
14 62617A	SMALL CAL AND FIRE CNTRL TECHNOLOGY	1	10,870	9,473	9,535	10,547	U	
15 62618A	BALLISTICS TECHNOLOGY	1	25,840	20,776	17,485	20,969	U	
16 62622A	CHEMICAL AND SMOKE MUNITIONS	1	20,214	12,793	12,959	15,148	U	
17 62623A	JOINT SERVICE SMALL ARMS PROGRAM (JSSAP)	1		3,696	4,342	4,475	U	
18 62701A	COMMUNICATIONS TECH	1	7,000	8,695	16,339	23,816	U	
19 62703A	CSTA & IDENTIFICATION	1	2,544	2,910	5,391	9,236	U	
20 62704A	MIL ENVIRONMENTAL CRITERIA DEV	1	2,674	2,577	2,937	3,081	U	
21 62705A	ELECTRICAL AND ELECTRONIC DEVICES	1	15,671	17,675	18,674	24,792	U	

UNCLASSIFIED

PAGE A-1

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 1984 RDT & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985
22 62706A	CB DEF & GEN INVEST	1	26,898	28,508	34,833	37,468 U
23 62707A	MAPPING - GEODESY	1	5,710	6,382	8,336	9,051 U
24 62709A	NIGHT VISION INVESTIGATIONS	1	11,472	13,561	19,942	23,580 U
25 62715A	TACTICAL ELECTRONIC WARFARE TECHNOLOGY	1	8,226	10,617		
26 62716A	HUMAN FACTORS ENGR IN SYS DEV	1	8,547	9,052	11,226	12,170 U
27 62717A	HUMAN PERFORMANCE EFFECT/SIMULATION	1	3,348	3,571	4,496	5,126 U
28 62719A	MOBILITY AND WEAPONS EFFECTS TECH	1	6,226	7,479	8,918	9,330 U
29 62720A	ENVIRONMENTAL QUALITY TECH	1	7,129	8,683	8,363	8,722 U
30 62722A	MANPOWER/PERSONNEL/TRAINING	1	6,481	6,048	7,923	8,006 U
31 62723A	CLOTHING EQUIP AND SHELTER TECH	1	4,827	8,000	6,468	6,977 U
32 62724A	JT SVC FODD SYS TECH	1	5,566	5,580	6,106	6,583 U
33 62725A	COMPUTER AND INFORMATION SCIENCE	1	1,684	1,961	1,978	2,239 U
34 62727A	NON-SYSTEM TRAINING DEVICES	1	2,457	2,892	4,625	4,990 U
35 62728A	EXPLORATORY APPLICATIONS OF HIGH TECHNOLOGY	1			3,861	3,888 U
36 62730A	COLD REGIONS ENGINEERING TECHNOLOGY	1	5,403	5,983	7,058	7,498 U
37 62731A	MILITARY FACILITIES ENGINEERING TECHNOLOGY	1	3,362	4,138	4,480	4,631 U
38 62733A	MOBILITY EQUIPMENT TECHNOLOGY	1	10,601	13,846	12,067	13,008 U
39 62734A	MED DEFENSE AGAINST CHEM AGENTS	1	24,080	26,189	30,612	33,382 U
40 62746A	TACTICAL ADP TECH	1	7,975	7,056	7,508	13,116 U
41 62770A	MILITARY DISEASE HAZARDS TECH	1	18,139	23,646	24,828	23,629 U
42 62772A	COMBAT CASUALTY CARE TECH	1	6,501	6,663	7,136	6,591 U

UNCLASSIFIED

PAGE A-2

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985	E	
THOUSANDS OF DOLLARS								
43	62775A COMBAT MAXILLOFACIAL INJURY	1	1,510	2,017	2,505	2,912	U	
44	62777A SYSTEMS HEALTH HAZARD PREVENT TECH	1	13,681	16,454	17,808	18,535	U	
45	62781A ENERGY TECH APPL FOR MILITARY FACIL TECHNOLOGY BASE	1	2,032	1,886	1,900	2,251	U	
		602,535	664,259	735,554				
						810,739		
46	63102A MATERIALS AND STRUCTURES ADVANCED DEVELOPMENT	2	4,736	6,460	12,341	20,355	U	
47	63104A FUELS AND LUBRICANTS ADVANCED DEVELOPMENT	2	1,228	1,866	3,073	4,590	U	
48	63201A AIRCRAFT POWER PLANTS AND PROPULSION	2	4,491	7,636	22,725	36,728	U	
49	63206A AIRCRAFT WEAPONS.	2	4,489	200	6,894	8,035	U	
50	63207A AIRCRAFT AVIONICS EQUIPMENT	2	4,314	2,559	4,945	6,953	U	
51	63209A AIR MOBILITY SUPPORT	2	2,787	3,641	7,162	9,122	U	
52	63211A ROTARY WING CONTROLS/ROTORS/STRUCTURES	2	28,438	32,615	34,649	41,412	U	
53	63216A SYNTHETIC FLIGHT SIMULATORS DEVELOPMENT	2	5,980	3,522	13,986	11,274	U	
54	63218A AIRDROP ADVANCEMENT	2	2,068	1,684	2,031	5,004	U	
55	63220A ADVANCED ROTORCRAFT TECH INTEGRATION (ARTI)	2			2,027	13,413	U	
56	63221A NOE AVIATION AND NAVIGATION EQUIPMENT	2	1,830	1,494	1,424	2,098	U	
57	63306A TERMINALLY GUIDED PROJECTILES	2	1,997	6,795	18,849	47,439	U	
58	63313A MSL/ROCKET COMPONENTS	2	2,311	9,157	20,568	54,801	U	
59	63314A HI-ENERGY LASER COMPONENTS	2			14,001	42,423	U	
60	63322A BATTLEFIELD ENVIRONMENT SIMULATION	2				7,487	U	
61	63324A ARMY DEVEL & EMPLOYMENT ACTIVITY-ADEA	2			7,300	38,620	29,055	U
62	63602A ADVANCED LAND MOB SYSTEMS CONCEPTS	2	7,127	7,745	7,650	28,254	U	

UNCLASSIFIED PAGE A-3

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DEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS				
		ACT ---	FY 1982	FY 1983	FY 1984	FY 1985
63	63606A LANDMINE WARFARE/BARRIER DEV	2	9,923	9,298	14,218	11,453 U
64	63607A JOINT SERVICE SMALL ARMS PROGRAM (JSSAP)	2	6,597	2,709	1,737	4,747 U
65	63621A COMBAT VEHICLE PROPULSION SYS	2	9,120	12,882	13,199	36,537 U
66	63626A ADVANCED DIESEL ENGINE (H)	2	1,100			U
67	63631A CMBT VEH TURRET AND CHASSIS SUBSYS	2	7,056	10,115	12,183	29,310 U
68	63636A COMBAT VEHICLE ARMOR/ANTI-ARMOR	2	9,860		8,746	14,587 U
69	63637A ADV PROPULSION/LAUNCH SYS FOR MUN	2			628	670 U
70	63702A ELECTRIC POWER SOURCES	2	3,684			U
71	63710A NIGHT VISION ADVANCED DEVELOPMENT	2	33,591	33,739	29,189	46,430 U
72	63725A REMOTELY PILOTED VEHICLES/DRONES	2	1,303	4,155	6,359	6,572 U
73	63731A MANPOWER AND PERSONNEL	2	4,159	7,479	12,021	14,457 U
74	63732A COMBAT MEDICAL MATERIAL	2	190			U
75	63734A MILITARY ENGINEERING TECHNOLOGY	2	269	1,726	2,050	1,296 U
76	63737A ANTI-RADIATION MSL COUNTER MEASURES	2	5,493			
77	63739A HUMAN FACTORS IN TNG/OPER EFFECT	2	3,225	3,745	8,277	7,524 U
78	63742A ADV ELECTRONIC DEVICES DEV	2	1,568	3,995	3,810	5,855 U
79	63743A EDUCATION AND TRAINING	2	8,783	9,737	11,710	10,662 U
80	63744A TRAINING SIMULATION	2	2,362	2,783	3,088	3,827 U
81	63747A SOLDIER SUPPORT/SURVIVABILITY	2	3,204			U
82	63748A TEST MEASUREMENT & DIAGNOSTIC EQUIPMENT DEVEL	2	2,969	7,000	1,836	496 U
83	63749A TECHNICAL VULNERABILITY REDUCTION	2	12,899	10,169	7,946	7,285 U

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PAGE A-4

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FY 1984 RDT & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM ELEMENT NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS			
			FY 1982	FY 1983	FY 1984	FY 1985
84	63750A DRUG AND VACCINE DEVELOPMENT	2	5,073	-----	-----	U
85	63751A MEDICAL DEFENSE AGAINST CHEM WARFARE	2	2,620	-----	-----	U
86	63752A DEMILITARIZATION CONCEPTS	2	8,507	12,730	11,276	8,479 U
87	63756A ADV SOFTWARE TECH	2	-----	19,293	28,184 U	-----
88	63758A AI/ROBOTICS DEMO	2	-----	7,959	19,827 U	-----
89	63761A ELEC WRFR VULN/SUSCPE TECH SUPPORT	2	8,015	-----	-----	-----
90	63762A ELECTRONIC WARFARE FEASIBILITY DEVELOPMENT	2	4,982	9,790	9,199 U	-----
91	63763A INDUSTRIAL BASE BIO WRFR VACCINES/DRUGS ADVANCED TECHNOLOGY DEVELOPMENT	2 ----- 200,008	4,937 ----- 258,222	9,589 ----- 419,496	17,823 U 675,009	-----
92	63304A BMD ADVANCED TECHNOLOGY	3	126,494	142,833	170,676	163,935 U
93	63308A BALLISTIC MSL DEF SYS TECH	3	335,616	376,234	638,380	1,360,052 U
94	12814A SPECIAL PROGRAM	3	-----	-----	-----	-----
95	12821A CLASSIFIED PROGRAM	3	-----	-----	9,454	16,230 U
96	33152A WIS MODERNIZATION STRATEGIC PROGRAMS	3 ----- 462,109	----- 569,376	----- 763,062	----- 1,619,838	-----
97	63216A JOINT SURVIVABILITY INVESTIGATIONS	4	820	1,100	1,077	1,165 U
98	63217A GREATER SLOPE	4	-----	19,943	19,293	29,157 U
99	63256A JVX-JOINT SVCS VERTICAL LIFT A/C DEVEL PROG	4	-----	-----	36,497	99,427 U
100	63302A ANTI-TACTICAL MISSILE SYSTEM	4	-----	10,000	33,276	148,927 U
101	63303A SURF-TO-SURF NSL ROCKET SYS	4	890	6,382	20,442	27,131 U

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PAGE A-5

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 1984 RDT & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
102	63316A ADVANCED ROCKET CONTROL SYSTEM	4			44,974 U
103	63320A CORPS SUPPORT WEAPON SYSTEM	4	11,857	6,086	U
104	63323A LIGHT WEIGHT AIR DEFENSE SYSTEM	4			41,587 U
105	63604A NUCLEAR MUNITIONS AND RADIACS	4	2,249	3,453	
106	63612A ADV ANTI-TANK WPN SYS	4			9,741 U
107	63615A LETHAL CHEMICAL MUNITIONS CONCEPTS	4		15,527	17,399 U
108	63619A LANDMINE/BARRIER SYS	4	2,365	8,483	18,154 U
109	63627A COMBAT SUPPORT MUNITIONS	4	2,520	2,693	29,693 U
110	63628A FIELD ARTILLERY AMMO DEV	4	22,404	23,883	4,731 U
111	63629A DIVISION SUPPORT WEAPONS SYSTEM	4	2,032	8,916	U
112	63632A ARMORED CMBT LOG SPT VEHICLE FAMILY	4	701		U
113	63633A TANK AND MORTAR AMMUNITION DEVELOPMENT	4	1,803	9,028	5,875
114	63635A MOBILE PROTECTED GUN	4	7,955	10,326	12,561
115	63702A ELECTRIC POWER SOURCES	4		2,990	10,586
116	63703A PHYSICAL SECURITY	4	3,043	5,437	4,740
117	63706A IDENTIFICATION-FRIEND OR FOE DEV	4	8,069	6,129	8,281
118	63707A COMMUNICATIONS DEVELOPMENT	4	7,621	8,696	14,109 U
119	63711A AIRCRAFT SURVIVABILITY EQUIPMENT	4	7,291	3,553	3,158
120	63713A ARMY DATA DISTRIBUTION SYSTEM (ADDS)	4	17,454	34,293	25,823
121	63718A EW VULN/SUSC	4		24,869	19,002
122	63720A CML BIO DETECTION & WARNING MATERIAL CONCEPTS 4				28,855
					47,950 U

UNCLASSIFIED

PAGE A-6

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
123	63721A CML BIO PROTECTIVE MATIERIEL CONCEPTS	4	23,796	16,498	3,107
124	63723A COMMAND AND CONTROL	4	22,768	19,945	23,892
125	63726A COMBAT SUPPORT EQUIPMENT	4	6,117	6,908	7,853
126	63730A TACTICAL SURVEILLANCE SYSTEM	4	14,984	22,164	21,235
127	63732A COMBAT MEDICAL MATERIAL	4	224	224	8,441
128	63737A ANTI-RADIATION MSL COUNTER MEASURES	4	4,611	4,611	U
129	63740A DIV AIR DEFENSE COMD/CNTRL	4	9,171	1,000	2,692
130	63741A METEOROLOGIC EQUIPMENT DEVELOPMENT	4	13,911	6,701	2,717
131	63745A TAC ELECTRONIC SPT MEASURE SYS	4	13,999	16,911	2,459
132	63746A SINGLE CHANNEL GRD/ABN RADIO SUB-SYS	4	2,245	7,108	U
133	63747A SOLDIER SUPPORT/SURVIVABILITY	4	8,771	12,593	14,653
134	63750A DRUG AND VACCINE DEVELOPMENT	4	2,916	47,772	50,712
135	63751A MEDICAL DEFENSE AGAINST CHEM WARFARE	4	1,995	1,995	U
136	63753A BATTLEFIELD DATA SYSTEMS	4	17,793	20,397	34,614
137	63765A TAC ELEC C/M SYS	4	5,687	38,938	34,459
138	63764A MEDICAL CHEM DEFENSE LIFE SUPPORT MAT	4	4	4	194
139	63766A TACTICAL ELECTRONIC SURVEILLANCE SYS	4	4	4	412
140	63767A COMBAT SERVICE SUPPORT CONTROL SYS	4	4	4	558
141	63770A JT SURV/TGT ATK RDR	4	3,560	686	2,245
142	64202A AIRCRAFT WEAPONS	4	1,676	2,418	4,014
143	64204A AIR MOBILITY SUPPORT EQUIPMENT	4	4	4	U

PAGE A-7

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
144 64206A	UH-60A BLACKHAWK	4	6,657	5,648	5
145 64207A	ADVANCED ATTACK HELICOPTER	4	91,874	33,629	28,333
146 64212A	COBRA TOW	4	13,966	8,611	8
147 64217A	SYNTHETIC FLIGHT TRAINING SYSTEMS	4	5,263	30,863	12,946
148 64218A	AIRDROP EQUIP DEVELOPMENT	4	2,763	2,728	3,426
149 64220A	ARMY HELICOPTER IMPROVEMENT PROG	4	38,497	73,811	53,662
150 64221A	SURVEILLANCE SYSTEM	4	4,070	12,832	12
151 64222A	JOINT SERVICE ROTARY WING AIRCRAFT DEVEL	4		29,915	29
152 64268A	AIRCRAFT COMPONENT IMPROVEMENT PROGRAM	4		6,976	16,363
153 64306A	STINGER	4	16,621		20,087
154 64307A	PATRIOT (SAM-D)	4	55,812	46,943	84,550
155 64309A	ROLAND (H)	4	1,000		69,564
156 64310A	HELIBORNE MISSILE-HELLFIRE	4	23,125	16,254	483
157 64311A	PERSHING II	4	150,580	110,984	22,841
158 64313A	GRASS BLADE	4	30,625	17,069	22,677
159 64314A	MULTIPLE LAUNCH ROCKET SYS	4	40,171	23,149	981
160 64318A	DIVISION AIR DEFENSE GUN	4	29,949	10,887	3,946
161 64321A	JOINT TACTICAL FUSION PROGRAM	4	30,417	27,610	10
162 64323A	HIGH TECH LIGHT DIV	4		6,056	18,215
163 64324A	JOINT TACTICAL MISSILE SYSTEM (JTACMS)	4			50,342
164 64601A	INFANTRY SUPPORT WEAPONS	4	11,478	3,688	4,576

UNCLASSIFIED

PAGE A-8

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM ELEMENT NO	ITEM NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985	S
				FY 1982	FY 1983	FY 1984	FY 1985	E
165	64603A	NUCLEAR MUNITIONS	4	33,864	29,054	4,437	12,829	U
166	64604A	MOBILITY (H)	4					U
167	64608A	ARMY SMALL ARMS PROGRAM	4	393				
168	64609A	COMBAT SUPPORT SYSTEMS	4	648	2,633	2,106	2,826	U
169	64612A	COUNTERMINE AND BARRIERS	4	1,367	5,485	5,337	4,750	U
170	64614A	FLD ARTY WPNS/AMMO (155MM) (H)	4	176				U
171	64616A	FIGHTING VEHICLE SYS	4	103,393	45,869	9,095	24,466	U
172	64618A	LANDMINE WARFARE	4	8,942	9,676	7,185	25,509	U
173	64620A	TANK SYSTEMS	4	25,607	11,927			U
174	64621A	COPPERHEAD	4	2,714				U
175	64623A	VIPER (H)	4	10,000	9,972			U
176	64624A	HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLE	4	3,013	3,336			U
177	64626A	FIRE INTEGRATION SPT TEAM VEH	4	10,100	6,907			U
178	64628A	INDIRECT FIRE TRAINING MUNITIONS	4	2,108				U
179	64630A	M1E1 DEVELOPMENT PROGRAM	4	82,724	54,188	55,977	12,580	U
180	64631A	FLD ARTY AMMUNITION	4	2,178	2,566	26,595	29,276	U
181	64632A	105MM TANK AMMUNITION	4	9,194	1,059	8,309	9,191	U
182	64701A	COMM ENGINEERING DEV	4	9,864	11,673	9,610	24,466	U
183	64702A	JOINT TACTICAL INFO DISTRIBUTION SYSTEMS	4	12,340	20,716	16,086	20,270	U
184	64704A	UNATTENDED GROUND SENSORS	4	6,912	4,124			U
185	64705A	MODULAR INTEGRATED COMM AND NAVIGATION SYS	4	18,178	14,712	9,200	4,196	U

PAGE A-9

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1982			FY 1983			FY 1984			FY 1985 C S		
			---	---	---	---	---	---	---	---	---	---	---	---
186 64706A	RADIOLOGICAL DEFENSE EQUIPMENT	4	308	838	943	943	943	943	943	943	943	1,541	U	E
187 64709A	IDENTIFICATION-FRIEND OR FOE EQ	4	2,418	2,653	3,965	3,965	3,965	3,965	3,965	3,965	3,965	7,624	U	S
188 64710A	NIGHT VISION DEVICES	4	5,476	3,916	5,368	5,368	5,368	5,368	5,368	5,368	5,368	13,289	U	E
189 64711A	AIRCRAFT SURVIVABILITY EQUIPMENT	4	15,374	20,277	18,308	18,308	18,308	18,308	18,308	18,308	18,308	27,535	U	S
190 64712A	TACTICAL C3 SYSTEMS ENGINEERING	4	8,577	13,868	10,509	10,509	10,509	10,509	10,509	10,509	10,509	24,782	U	E
191 64713A	COMBAT FEEDING, CLOTHING AND EQUIPMENT	4	2,358	2,568	4,296	4,296	4,296	4,296	4,296	4,296	4,296	6,078	U	S
192 64714A	TACTICAL ELECTRIC POWER SOURCES	4	2,611	1,800	9,792	9,792	9,792	9,792	9,792	9,792	9,792	16,106	U	E
193 64717A	GENERAL COMBAT SUPPORT	4	5,303	5,952	9,862	9,862	9,862	9,862	9,862	9,862	9,862	15,110	U	S
194 64718A	PHYSICAL SECURITY	4	5,761	6,085	5,998	5,998	5,998	5,998	5,998	5,998	5,998	7,692	U	E
195 64722A	EDUCATION AND TRAINING	4	4	12,266	12,266	12,266	12,266	12,266	12,266	12,266	12,266	10,565	U	S
196 64723A	SPECIAL PURPOSE DETECTORS	4	4	3,377	3,377	3,377	3,377	3,377	3,377	3,377	3,377	3,377	U	E
197 64724A	CML BIO DETECTION WARNING & TRAINING MATERIAL	4	2,498	391	8,364	8,364	8,364	8,364	8,364	8,364	8,364	12,250	U	S
198 64725A	CHEM BIO PROTECTIVE MATERIEL	4	24,715	24,932	19,732	19,732	19,732	19,732	19,732	19,732	19,732	12,817	U	E
199 64727A	COMMAND AND CONTROL	4	15,691	13,971	36,967	36,967	36,967	36,967	36,967	36,967	36,967	32,851	U	S
200 64728A	FAMILY OF MIL ENGR CONSTR EQ (H)	4	850	850	850	850	850	850	850	850	850	850	U	E
201 64730A	REMOTELY PILOTED VEHICLES	4	76,594	77,727	138,086	138,086	138,086	138,086	138,086	138,086	138,086	103,021	U	S
202 64740A	TACTICAL SURVEILLANCE SYSTEM	4	4,696	9,456	38,881	38,881	38,881	38,881	38,881	38,881	38,881	62,397	U	E
203 64741A	DIV AIR DEFENSE COMMAND AND CONTROL	4	4	4	4	4	4	4	4	4	4	4	4	4
204 64745A	TAC ELECTRONIC SPY MEASURE SYS	4	7,780	7,780	7,780	7,780	7,780	7,780	7,780	7,780	7,780	7,780	U	E
205 64746A	AUTOMATIC TEST SUPPORT SYSTEMS	4	3,903	2,932	11,577	11,577	11,577	11,577	11,577	11,577	11,577	29,671	U	S
206 64748A	STANDOFF TARGET ACQUISITION SYSTEM (SOTASS)(H)	4	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	U	E

UNCLASSIFIED

PAGE A-10

UNCLASSIFIEDDEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	THOUSANDS OF DOLLARS	
					FY 1984	FY 1985 C E
207	64750A TAC ELEC C/M SYS	4	6,120	9,445	13,678	6,702 U
208	64751A SINGLE CHANNEL GRD/ABN RADIO SUBSYS ENGR DEV	4				U
209	64753A BATTLEFIELD DATA SYSTEMS	4		23,926		
210	64757A MEDICAL CHEMICAL DEFENSE LIFE SPT MAT	4			4,752	21,446 U
211	64758A DRUG AND VACCINE DEVELOPMENT	4			4,751	9,969 U
212	64766A TACTICAL ELECTRONIC SURVEILLANCE SYS	4		10,903		
213	64770A JT SURV/TGT ATK RDR	4			68,961	70,526 U
214	64779A JT INTEROPERABILITY TAC COMMD/CNTRL	4	29,465	27,982	33,590	42,682 U
215	65710A JOINT CB CONTACT POINT AND TEST	4	1,301	1,447	1,800	2,402 U
216	23724A HV ANTI-TANK ASSAULT WPNS SYS (TOW)	4	6,724	1,976	1,696	3,892 U
217	23726A ADV FIELD ARTY TAC DATA SYS	4	4,792	11,004	31,906	31,984 U
218	23730A CHAPARRAL	4	23,598	24,706	23,615	31,621 U
219	23731A SAM HAWK/HAWK IMP PROG	4	39,414	36,363	33,543	26,326 U
220	23735A COMBAT VEHICLE IMPROVE PROG	4	29,395	50,152	64,390	82,589 U
221	23739A AN/TSQ-73 MODIFICATIONS	4	532	1,023		U
222	23740A MANEUVER CONTROL SYSTEM (MCS)	4	14,076	14,905	9,528	9,555 U
223	23741A PROD IMPR VULCAN AIR DEF SYS	4			5,320	U
224	23743A 106MM SELF-PROPELLED HOWITZER IMPROVEMENTS	4			64,497	131,584 U
225	23744A AIRCRAFT MODIFICATIONS	4			3,323	39,120 U

PAGE A-11

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM	LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			
			ACT	FY 1982	FY 1983	FY 1984
226	28010A	JT TACTICAL COMM PROG	4	42,987	43,457	46,766
227	33142A	SATCOM GROUND ENVIRONMENT	4	37,615		26,664 U
228	33145A	EUCOM C3 SYSTEMS	4	6,015	527	3,991
		TACTICAL PROGRAMS		1,568,343	1,511,901	1,937,170
229	63712A	MAPPING AND GEODESY	5	1,542	3,415	238
230	64201A	AIRCRAFT AVIONICS	5	10,602	3,789	2,283
231	64716A	MAPPING AND GEODESY	5	325		2,934 U
232	64778A	NAVSTAR GLOBAL POS SYS (USER EQ)	5	7,000	11,877	5,880
233	12814A	SPECIAL PROGRAM	5			12,802 U
234	31307A	FOREIGN SCIENCE AND TECHNOLOGY CENTER	5			
235	31327A	TECHNICAL RECONN AND SURVEILLANCE	5			
236	31334A	OTHER COMMAND GDTP ACTIVITIES	5			
237	33111A	STRATEGIC ARMY COMMUNICATIONS	5	786	812	919
238	33126A	LONG-HAUL COMMUNICATIONS (DCS)	5	4,460	11,057	8,861
239	33142A	SATCOM GROUND ENVIRONMENT	5	35,445	55,618	78,450 U
240	33401A	COMMUNICATIONS SECURITY	5	6,946	6,856	
		INTELLIGENCE AND COMMUNICATIONS		54,731	76,355	88,659
241	63316A	TARGET MISSILES	6			123,756
242	63718A	EW VULNERABILITY/SUSCEPTIBILITY	6	18,314		3,741 U

UNCLASSIFIED

PAGE A-12

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1982	FY 1983	FY 1984	FY 1985	S E C
THOUSANDS OF DOLLARS							
243	63738A NON-SYSTEM TRAINING DEVICES	6	796		2,407		6,437 U
244	64268A ACFT ENGINE COMPONENT IMPROVE PROG	6	11,833				U
245	64715A NON-SYSTEM TNG DEVICES ENGR	6	13,179	8,624	12,833	30,205 U	
246	64726A METEOROLOGICAL EQUIPMENT SYSTEMS	6	6,098	2,166	5,274	3,492 U	
247	65102A TRADOC STUDIES AND ANALYSES	6	1,543	1,487	1,508	3,725 U	
248	65201A AVIATION ENGINEERING FLIGHT ACTIVITY	6	5,368	5,775	6,720	7,675 U	
249	65301A KWAJALEIN MISSILE RANGE	6	139,351	151,706	143,795	166,164 U	
250	65702A SUPPORT OF DEVELOPMENT TESTING	6	36,068	42,063	50,382	61,025 U	
251	65706A MATERIEL SYSTEMS ANALYSIS	6	12,435	13,129	14,475	16,553 U	
252	65709A EXPLOITATION OF FOREIGN ITEMS	6	2,053	2,016	2,648	3,101 U	
253	65712A SUPPORT OF OPERATIONAL TESTING	6	43,583	48,365	62,378	79,806 U	
254	65715A DEFENSE SYSTEMS MANAGEMENT COLLEGE	6	203		200	206 U	
255	65801A PROGRAM-WIDE ACTIVITIES	6	65,407	65,000	74,362	83,879 U	
256	65802A INTL COOPERATIVE RESEARCH AND DEV	6	629	1,039	1,053	1,110 U	
257	65803A TECHNICAL INFO ACTIVITIES	6	3,831	5,249	5,421	6,182 U	
258	65804A DARCOM MAJOR RANGE/TEST FACIL	6	278,925	295,649	303,373	408,650 U	
259	65805A MUNITIONS-STANDARDIZATION EFFECT AND SAFETY	6	6,693	7,028	5,810	8,519 U	
260	65806A DOD HIGH ENERGY LASER SYSTEMS TEST FAC	6	40,224	33,933	36,880	39,995 U	
261	65807A MAINSITE	6		2,992	17,880	23,837 U	
262	65808A MM AND T/MAC!	6		50,858		U	
263	65872A PRODUCTIVITY INVESTMENT FUNDING	6	3,888	19,945	21,098	6,681 U	

PAGE A-13

UNCLASSIFIED

NAVY

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**DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM**

SUMMARY

EXHIBIT R-1

DATE: 31 JAN 1983

THOUSANDS OF DOLLARS

	FY 1982	FY 1983	FY 1984	FY 1985
SUMMARY RECAP OF RESEARCH CATEGORIES				
RESEARCH	276,524	306,306	324,674	354,138
EXPLORATORY DEVELOPMENT	494,365	517,819	559,662	609,256
ADVANCED DEVELOPMENT	1,593,792	1,751,091	3,102,283	4,300,534
ENGINEERING DEVELOPMENT	2,112,227	2,069,955	2,440,804	2,485,984
MANAGEMENT AND SUPPORT	650,113	587,529	607,861	657,781
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	5,027,021	5,222,700	7,035,284	8,407,693
OPERATIONAL SYSTEMS DEVELOPMENT	807,605	863,331	1,145,759	1,404,127
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY	5,834,626	6,086,031	8,181,043	9,811,820
SUMMARY RECAP OF BUDGET ACTIVITIES				
TECHNOLOGY BASE	770,889	824,125	884,336	963,394
ADVANCED TECHNOLOGY DEVELOPMENT	153,304	148,384	210,975	301,026
STRATEGIC PROGRAMS	620,510	632,904	1,810,048	2,489,022
TACTICAL PROGRAMS	3,576,626	3,612,774	4,295,505	4,917,234
INTELLIGENCE AND COMMUNICATIONS	211,307	266,346	346,080	429,912
DEFENSEWIDE MISSION SUPPORT	601,990	603,498	634,099	711,232
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY	5,834,626	6,086,031	8,181,043	9,811,820
SUMMARY RECAP OF FYDP PROGRAMS				
STRATEGIC FORCES	265,797	248,550	287,975	306,876
GENERAL PURPOSE FORCES	368,331	434,815	632,452	812,123
INTELLIGENCE AND COMMUNICATIONS	172,677	179,966	225,332	285,128
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	5,027,021	5,222,700	7,035,284	8,407,693
TRAINING MEDICAL AND OTHER	800			
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY	5,834,626	6,086,031	8,181,043	9,811,820

PAGE N-1

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 RDT & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985	E
			---	---	---	---	
1 61152N	IN-HOUSE INDEPEND LAB RES	1	21,539	23,337	23,834	24,977	U
2 61153N	DEFENSE RESEARCH SCIENCES	1	254,985	282,969	300,640	329,161	U
3 62241N	AIRCRAFT TECHNOLOGY	1	25,108	26,134	27,236	29,730	U
4 62331N	MISSILE PROPULSION TECH	1	9,084	9,191	12,014	12,860	U
5 62332N	STRIKE WARFARE WPNRY TECH	1	21,116	26,375	29,188	34,225	U
6 62542N	NUCLEAR PROPULSION TECH	1	47,576	53,624	47,057	48,721	U
7 62543N	SHIPS SUBS AND BOATS TECH	1	39,026	32,491	39,146	47,852	U
8 62633N	UNDERSEA WARFARE WPNRY TECH	1	24,837	25,423	29,083	31,929	U
9 62711N	U/S TARGET SURV TECH	1	35,714	37,628	40,930	44,421	U
10 62712N	SURF/AEROSP TGT SURV TECH	1	32,946	34,986	36,635	38,141	U
11 62721N	COMMAND AND CONTROL TECH	1	29,041	30,187	36,112	37,869	U
12 62734N	COUNTERMEASURES TECH	1	25,514	32,073	29,633	31,246	U
13 62735N	HIGH ENERGY LASER TECH	1	67,487	60,976	67,902	70,530	U
14 62757N	HUMAN FACTORS&SIM TECH	1	6,378	9,156	8,366	9,300	U
15 62758N	BIOMEDICAL TECH	1	10,596	8,721	8,905	9,288	U
16 62760N	OCEAN AND ATMOS SUPT TECH	1	22,027	20,257	19,474	22,124	U
17 62760N	LOGISTICS TECH	1	13,263	13,786	15,327	16,665	U
18 62761N	MATERIALS TECH	1	33,637	33,162	38,243	43,891	U
19 62762N	ELEX DEVICE TECH	1	25,908	25,872	30,180	31,359	U
20 62763N	PERSONNEL & TRNG TECH	1	8,084	6,845	7,746	8,192	U
21 62764N	CHEM/BIOL/RADIAL DEF TECH	1	1,776	1,789	4,124	5,278	U

PAGE N-1

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 RDT & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS				
		ACT ---	FY 1982 ---	FY 1983 ---	FY 1984 ---	FY 1985 E ---
22 62765N	ENERGY & ENVIRON PROT TECH	1	7,313	5,053	4,559	4,932 U
23 62766N	LAB INDEP EXPLORATORY DEV	1	11,967	12,091	13,146	14,926 U
24 62768N	DIRECTED ENERGY TECH	1	5,965	12,000	14,636	15,775 U
	TECHNOLOGY BASE		770,889	824,125	884,336	963,394
25 63202N	AVIONICS	2	4,181	3,150	3,834	5,196 U
26 63203N	ADV HELICOPTER DEV	2	3,366			U
27 63207N	ENVIRONMENTAL APPLICATIONS	2	5,261	5,653	6,006	9,922 U
28 63210N	ADV A/C PRGRML SYS	2	9,551	10,113	6,058	20,532 U
29 63216N	ABN-LIFE SUPPORT SYS	2	2,871	3,483	620	690 U
30 63217N	ADV A/C SUBSYSTEMS	2	4,276	2,428	4,884	5,703 U
31 63251N	A/C SYSTEMS (ADV)	2	3,375	1,000	982	3,043 U
32 63303N	ERASE SYS TECHNOLOGY	2	5,750	9,849	5,729	8,576 U
33 63306N	ADV A/L ASM SYSTEMS	2	5,697		2,439	3,912 U
34 63308N	A/A MSL TECH DEMO	2	4,362	2,923	10,022	9,945 U
35 63508N	SHIP PROP SYS (ADV)	2	20,084	20,457	41,542	65,665 U
36 63526N	ADV COMPUTER TECH	2	4,534	3,272	9,900	10,559 U
37 63573N	ELECTRIC DRIVE	2		7,267	18,339	24,371 U
38 63609N	SURF LAUNCHED MUNITIONS	2	4,220	4,331	4,254	4,916 U
39 63654N	JOINT SERV EOD DEV (ADV)	2	3,330	4,954	5,011	8,065 U
40 63701N	HUMAN FACTORS ENG DEVEL	2	2,934	2,604	1,192	2,359 U
41 63704N	OCEANOGR INSTRUMENTATN DEV	2	2,902	2,999	6,168	9,217 U

UNCLASSIFIED

PAGE N-2

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

THOUSANDS OF DOLLARS

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1982 ---	FY 1983 ---	FY 1984 ---	FY 1985 E S
42 63706N	MEDICAL DEVELOPMENT (ADV)	2	12,015	8,384	10,275	11,070 U
43 63707N	MNPWR CONTROL SYST DEV	2	4,370	1,805	2,915	4,388 U
44 63709N	ADV MARINE BIOLOGICAL SYS	2	3,789	3,980	4,242	6,439 U
45 63712N	ADV MODUL COMPN DEMONST	2			488	782 U
46 63713N	OCEAN ENG TECH DEVELOP	2	11,759	13,184	21,704	24,859 U
47 63720N	EDUCATION & TRAINING	2	3,642	2,898	2,799	4,802 U
48 63721N	ENVIRONMENTAL PROTECTION	2	6,674	6,150	10,412	10,933 U
49 63722N	NAVAL SPECIAL WARFARE	2	7,660	8,284	8,084	10,042 U
50 63727N	NAV TECH INFO PRESENT SYS	2	1,243	1,253	3,257	5,748 U
51 63728N	MANUFACTURING TECH	2	3,657	3,339	7,827	15,299 U
52 63732N	ADV MANPOWER TRAINING SYS	2	1,762	1,464	2,136	1,410 U
53 63733N	TRAINING DEVICE TECH	2	6,979	6,200	6,555	10,424 U
54 63739N	PERSONNEL PRODUCTIVITY	2			733	2,157 U
55 63786N	ABN ELE-MAG/OPT SYS (ADV)	2	3,060	2,960	486	U
	ADVANCED TECHNOLOGY DEVELOPMENT	163,304	146,384	210,975		301,026
56 63371N	TRIDENT II	3	240,832	369,614	1,496,406	2,145,562 U
57 63588N	SSBN SUBSYSTEM TECH PROG	3	4,608		7,347	11,782 U
58 63736N	WMMCCS ARCHITECTURE SUPPORT	3	799	900	1,170	961 U

UNCLASSIFIED

PAGE N-3

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM	LINE ELEMENT NO	ITEM NUMBER	ITEM NOMENCLATURE	ACT	FY 1982			FY 1983			FY 1984			FY 1985		
THOUSANDS OF DOLLARS												S				
59	65856N	STRATEGIC TECH SUPPORT		3	5,485			7,099			7,194			8,927	U	
60	11221N	FBM SYSTEM		3	65,621			30,770			28,241			55,335	U	
61	11224N	SSBN SECURITY PROGRAM		3	36,774			36,691			39,782			46,167	U	
62	11228N	TRIDENT I		3	100,164			66,057			72,387			74,634	U	
63	11401N	ELF COMMUNICATIONS		3	38,755			49,677			58,497			29,156	U	
64	11402N	NAVY STRATEGIC COMM		3	23,844			64,854			88,889			101,074	U	
65	11403N	HYDRUS		3	89										U	
66	12427N	NAV SPASUR		3	550			501			179			510	U	
67	33131N	MEECN		3	3,089			6,741			1,565			662	U	
68	33152N	WIS MODERNIZATION		3										14,252	U	
STRATEGIC PROGRAMS					520,510			632,904			1,810,048			2,489,022		
69	63206N	ABN ELECTRONIC WARFARE EQ		4	9,547			13,090			23,220			20,945	U	
70	63208N	VTX-TS		4	4,985			7,925			30,261			39,144	U	
71	63209N	U/W WPNS ACCEPT TEST		4										3,824	U	
72	63212N	TAC AIR IR COUNTERMEASURES		4	3,326			1,493							U	
73	63213N	AIRBORNE INFRARED CM		4	5,341			5,732			14,668			6,137	U	
74	63214N	TAC CMD CNT COMM C/M		4	6,214			7,258			12,261			17,568	U	
75	63218N	ADV A/C ARMAMENT SYS		4	4,185			3,965			2,637			1,959	U	
76	63221N	AV-8B PLUS		4	5,000									4,678	U	
77	63228N	CV ASW MODULE		4	4,566			3,928			6,435			4,438	U	
78	63254N	AIR ASW		4	5,752			12,178			2,421			2,438	U	

UNCLASSIFIED

PAGE N-1

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 31 JAN 1983

PROGRAM	LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1982	FY 1983	FY 1984	FY 1985	E S
THOUSANDS OF DOLLARS								
	79	63256N JVX	4		53,431	169,294	U	
	80	63257N A-6E STOL DEMONSTRATOR	4		6,700	31,029	31,435	U
	81	63258N ACCUS SEARCH SENSORS (ADV)	4	4,638	7,601	1,967	994	U
	82	63260N ABN MINE COUNTERMEASURES	4	18,358	21,566	15,125	16,273	U
	83	63261N TAC AIR RECON	4	5,019	4,670	10,465	14,067	U
	84	63262N A/C SURVIV & VULNER	4	8,241	10,761	12,310	15,071	U
	85	63266N AH-1T COMP ROTOR BLADE	4		1,883		6,848	U
	86	63267N COMBAT IDENT SYS	4	2,488	6,694	7,019	6,848	U
	87	63313N IIR MAVERICK	4	10,200	1,000	19,620	7,771	U
	88	63315N RETRACT YELLOW	4	3,060		8,001	22,549	U
	89	63316N ARMY/NAVY SAM TECH	4	10,930	14,168	10,174	12,560	U
	90	63358N WEAPONIZING (PROTO)	4					
	91	63367N SUBMARINE ASW STDOFF WPN	4	35,368	20,217	27,985	63,413	U
	92	63369N AIR-L TOMAHAWK	4	19,000	19,900	19,512	9,762	U
	93	63382N BGAWC	4		6,458	7,826	13,131	U
	94	63402N AMPHIB PRE-ASSAULT SURV	4				2,321	U
	95	63403N COMBAT SYS DEV/SUP RMNT	4				7,707	U
	96	63501N REACTOR PROPULSION PLANTS	4	6,062	6,783		U	
	97	63502N SURFACE MCM	4	39,967	31,465	28,036	29,121	U
	98	63503N ACOUSTIC COMM (ADV)	4	2,361	2,727		U	
	99	63504N SUB SONAR DEVEL (ADV)	4	42,623	16,676	12,681	24,662	U
							PAGE N-5	

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 1318 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	THOUSANDS OF DOLLARS			
					FY 1984	FY 1985	E FY 1985 C	
100	63806N SURFACE SHIP TORP DEF	4		2,428	10,259	29,509	U	
101	63808N SHPBDO INFO TRANSFER SYS	4	7,900	4,411	5,320	7,997	U	
102	63812N CATAPULTS	4			2,645	3,243	U	
103	63813N SHIPBDO SYS COMP DEV	4		8,142	15,442	12,723	17,452	U
104	63814N SHIPBOARD DAMAGE CONTROL	4		20,249	23,626	14,401	16,299	U
105	63816N ADV IDENTIFICATION TECH	4		3,810	1,472	2,222	3,214	U
106	63818N RADAR SURVEILLANCE EQUIP	4				495	8,131	U
107	63819N ADV COMMAND DATA SYS	4		2,359	4,387	2,544	6,079	U
108	63820N ADV COMMUNICATIONS	4		1				U
109	63821N SURFACE ELECTRONIC WARFARE	4		3,684			2,310	U
110	63822N ADV SUB SUPT EQUIP PROG	4		4,881	2,322	5,753	4,951	U
111	63824N SUBACS (ADV)	4		40,007			5,096	U
112	63825N PILOT FISH	4		61,388	93,823	97,328	120,528	U
113	63828N NON ACOUSTIC ASW	4		9,464	111,533	13,375	23,174	U
114	63829N ADV ASW TARGET	4		832	3,907	3,865	16,499	U
115	63830N 6TH TARGETING	4		16,353				U
116	63831N HY 130 STEEL	4		955	3,000	1,952		U
117	63832N SHIP SYS ENGR STNS	4		9,257	4,993	4,565	4,788	U
118	63837N RETRACT SILVER	4		63,448	84,365	144,991	105,710	U
119	63839N RETRACT AMBER	4		16,545	13,017	4,057		U
120	63840N DIESEL ELECTRIC SUB	4			2,500			U

UNCLASSIFIED

PAGE N-6

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1982	FY 1983	FY 1984	FY 1985	S C
121	63549N LINK CEDAR	4			9,756	19,522	U
122	63553N SURFACE ASW	4	5,489		2,956	17,947	U
123	63560N WIDE APERTURE ARRAY(ADV)	4		23,560	15,820	14,101	U
124	63561N SUBMARINES (ADV)	4	54,388	47,850	88,922	69,544	U
125	63562N SUB TAC W/F SYS (ADV)	4	98,550	7,012	13,863	14,887	U
126	63564N SHIP DEVELOPMENT (ADV)	4	7,794	16,803	16,246	26,074	U
127	63566N AMPHIB ASSLT CRAFT	4	6,740	11,884	7,961	6,813	U
128	63568N COMBAT SYSTEMS ARCHIT	4	3,847				U
129	63569N ATTACK SUBMARINE DEV	4	4,818	8,256	9,785	23,540	U
130	63570N ADV NUC REACT COMP SYS DEV	4	9,020	11,536	31,381	26,797	U
131	63571N SHIBD PHYSICAL SECURITY	4	4,594	6,122	5,321	6,182	U
132	63576N CHALK EAGLE	4		6,401	14,533	52,476	U
133	63578N AAW/A10 NUC PROP PLNT	4	11,848	12,238	12,386	12,617	U
134	63579N D2W NUC PROP REACTOR	4	10,449	9,337			U
135	63582N COMBAT SYSTEM INTEGRATION	4	6,958	7,920	17,128	29,997	U
136	63589N DDG-51	4	101,960	138,339	110,960	129,812	U
137	63601N MINE DEVELOPMENT	4	9,935	9,521		1,572	U
138	63610N ALWT (ADV)	4	104,212	97,098	4,128		U
139	63611M MC ASSAULT VEHICLES	4	46,772	39,318	61,165	63,221	U
140	63634N TAC NUC DEVELOPMENT	4	723	3,440	3,573	10,447	U
141	63635M GRD COMBAT/SUPP ARMS SYS	4	4,164	7,666	5,445	6,627	U

PAGE N-7

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
142	63691N MK 48 ADCAP (ADV)	4		20,483	U
143	63702N OCEAN ENGR SYS DEV	4	1,994	2,312	2,205
144	63705N LOGISTICS	4	13,915	3,335	1,224
145	63708N ANTI SUB W/F SIGN PROC	4	7,626	5,185	3,949
146	63711N FLEET TAC D&E PROGRAM	4	4,596	5,201	5,246
147	63717N COMMAND & CONTROL SYS(ADV)	4	10,823	32,949	30,264
148	63719N CNT OFFLOAD & TRANSFR SYS	4	6,345	3,667	1,773
149	63724N NAVY ENERGY PROGRAM (ADV)	4	18,785	21,504	23,505
150	63725N FACILITIES IMPROV	4	3,194	4,913	7,999
151	63726N MERSHIP NAV AUX PROG	4		6,173	4,896
152	63728M COMBAT SERVICES SUP (ADV)	4	3,336	4,244	6,320
153	63730N INTELL/ELEC WARFARE SYS	4	890	6,885	6,057
154	63731M COMMAND/CDNT/CDMM SYS	4	354	2,244	
155	63734N CHALK CORAL	4		2,900	4,976
156	63736N STRIKE WARFARE TECH	4	1,700	3,000	
157	63737N LINK HAZEL	4		16,000	34,130
158	63763N ITSS	4	12,235	11,334	30,181
159	63784N ASW SURVEILLANCE	4	1,235	1,000	11,093
160	63785N LRAP	4	11,644	12,576	8,399
161	63787N SPECIAL PROCESSES	4	50,337	72,523	67,219

UNCLASSIFIED

PAGE N-6

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1994 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM	LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
				FY 1982	FY 1983	FY 1984
162	63788N	RDSS	4	6,716	19,312	21,076
163	64203N	AVIONICS DEV	4	12,801	3,941	9,659
164	64211N	AIMS /ATCRBS/ MARK XII	4	4,363	6,228	6,608
165	64212N	LAMPS III	4	70,868	8,969	4,392
166	64213N	HELICOPTER DEVELOPMENT	4	11,769	13,194	24,659
167	64214N	AVBB (ENG)	4	226,413	113,806	118,218
168	64215N	SUPPORT EQUIPMENT	4	6,924	6,700	9,836
169	64217N	S-3 WPN SYS IMP S-3()	4	41,702	75,899	60,211
170	64218N	ENVIRONMENTAL SYSTEMS	4	1,081	1,246	2,679
171	64219N	ABN ASW DEVELOPMENTS	4	23,019	26,861	19,453
172	64220N	A/C IR SIGN SUPPRESSION	4	1,338	95	1,667
173	64221N	P-3 MODERNIZATION PROG	4	22,473	18,564	19,834
174	64224N	ADAPTIVE ECM	4	1,965		U
175	64225N	ADV RADAR WARNING	4	2,458		7,714
176	64226N	ASPJ	4	23,665	29,316	47,366
177	64228N	SH 60 CV VARIANT	4			19,711
178	64228N	ASW IMPROV	4			U
179	64262N	A/C PROPULSION (ENG)	4			9,758
180	64265N	AIR ELECTRONIC W/F	4	11,360	11,679	17,214
181	64260N	C/MH-53E	4	11,141	11,119	32,880
182	64261N	ACOUSTIC SRCH SENSRS (ENG)	4	18,121	10,769	23,648

PAGE N-9

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
183	64262N JVX	4		4,900	4
184	64263N F/A-18	4	194,000	109,150	4,902
185	64264N LIFE SUPPORT EQUIP	4	10,297	6,902	4,902
186	64266N ADV SIG PROCESS (ASP)	4	3,292	501	U
187	64267N AWG-9 UPDATE	4	4,206	6,975	3,030
188	64268N A/C ENGINES COMP IMP PROG	4	81,593	89,486	97,513
189	64301N MK92 FCS UPGRADE	4		24,628	35,593
190	64303N AEGIS AREA AIR DEF	4	36,696	8,149	16,680
191	64304N CSED	4	16,056	12,215	21,297
192	64306N PENGUIN COMBAT DEV	4	3,828		U
193	64307N CG-47 PRODUCT IMPROVEMENT	4		43,631	70,452
194	64308N LINK ASH	4			76,702
195	64314N AMRAAM	4		3,903	14,642
196	64352N S/L WPNRY SHIP SYSTEMS	4			U
197	64353N VERTICAL LAUNCHING SYS	4		63,862	44,082
198	64354N AAM SYSTEMS ENGINEERING	4		74,923	1,452
199	64355N VLS ASROC	4		37,065	43,435
200	64358N CIWS (PHALANX)	4		22,844	3,987
201	64360N HARM	4		30,504	23,524
202	64361N NATO SEA SPARROW	4			27,575
203	64365N SM-2 (N)	4		13,105	18,800
					16,845
					26,382

UNCLASSIFIED

PAGE N-10

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 RDT & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985	E
							C
204	64366N STANDARD MSL IMPROVEMENTS	4	50,991	50,789	40,262	60,185	U
205	64367N TOMAHAWK	4	144,545	108,934	135,690	50,586	U
206	64369N 5' ROLLING AIR FRAME MSLE	4	17,877	16,153	4,635	4,021	U
207	64370N SSN-688 VLS	4	38,486	39,361	39,936	25,470	U
208	64371N HELLFIRE	4		9,815	2,832	2,426	U
209	64372N NEW THREAT UPGRADE	4		41,859	47,819	52,474	U
210	64502N SUBMARINE COMM	4	7,037	3,565	6,164	5,918	U
211	64503N SUB SONAR DEVELOP (ENG)	4	44,603	41,603	61,222	49,781	U
212	64504N AIR CONTROL ENG	4	13,658	9,251	25,221	28,774	U
213	64505N INTEGRATED COMM SYSTEM	4	5,672				U
214	64508N BR/CW COUNTERMEASURES	4	7,740	8,357	8,216	7,573	U
215	64507N EMSP	4		12,872	22,359	28,962	U
216	64508N RADAR SURVEILLANCE EQUIP	4	17,892	10,439	13,662	21,259	U
217	64510N COMMUNICATIONS SYS	4	5,613	4,681	4,580	4,114	U
218	64511N INTELLIGENCE SYSTEMS	4	2,458	2,478	2,157	3,603	U
219	64515N SUB SUPT EQUIP PROG	4	11,592	3,762	7,249	11,723	U
220	64516N SHIP SURVIVABILITY	4		4,385	5,295	8,423	U
221	64518N CIC CONVERSION	4	8,310	18,292	24,907	30,870	U
222	64520N WIDE APERTURE ARRAY(ENG)	4				13,398	U
223	64524N SUBACS (ENG)	4	29,674	80,414	98,573	140,956	U
224	64526N LHDX	4	14,400				U

PAGE N-11

UNCLASSIFIED

UNCLASSIFIED

**DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM**

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1
DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS				
			FY 1902	FY 1983	FY 1984	FY 1985	E S
225 64554N	SURFACE E/W	4	8,079	6,639	6,260	6,464	U
226 64561N	SUBMARINE (ENG)	4	2,041	1,000	1,958	1,962	U
227 64562N	SUB TAC W/F SYSTS (ENG)	4	96,542	32,582	50,960	47,500	U
228 64563N	SHPBDS PHYS SECURITY (ENG)	4			2,477	2,493	U
229 64566N	ACOUSTIC COMM (ENG)	4	5,099	2,917			U
230 64567N	SHIP SUBSYS DEV/LBTS	4	65,094	121,387	110,217	97,441	U
231 64569N	NATO SEA GNAT	4	7,007	6,589	7,880	8,803	U
232 64573N	SHPBDS EW IMPROV	4	13,917	14,974	12,623	43,148	U
233 64574N	TACT EMBEDDED CGMP PROG	4	29,979	31,704	18,954	6,461	U
234 64575N	AN/SQS-53C	4		57,575	49,115	61,308	U
235 64576N	INFLUENCE MCM	4		1,821		4,170	U
236 64578N	LINK BIRCH	4			5,269	4,003	U
237 64601N	MINE DEVEL (ENG)	4	7,496	12,697	15,480	16,092	U
238 64602N	NAVAL GUNNERY IMPROVEMENT	4	2,642	739	6,034	24,701	U
239 64603N	UNGUIDED CONVENT A/L WPNS	4	25,931	6,959	16,698	12,203	U
240 64604N	C/W WEAPONS	4	9,197	8,050	3,414	803	U
241 64607N	ELECTRO OPTICS SENSOR DEV	4	4,784				U
242 64608N	SAL GP/EQ SENS DEVEL	4	3,820	16,000	39,323	24,928	U
243 64609N	COMMON BOMB FUZE	4	1,999	1,296	310	5,190	U
244 64610N	ALWT (ENG)	4		18,000	141,991	133,683	U
245 64652N	GUN FCS IMP PROG	4	9,519	10,089			U

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DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 31 JAN 1983

PROGRAM	LINE ELEMENT NO	ITEM NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985	E
									THOUSANDS OF DOLLARS
246	64654N	JOINT SERV EDD DEV (ENG)	4	2,477	2,926	3,733	3,977	3,977	U
247	64656M	MC ASSAULT VEHICLES	4		925				U
248	64657N	GRD COMBAT/SUP ARMS SYS	4	17,438	10,553	21,303	16,481	16,481	U
249	64675N	MK 48 ADCAP (ENG)	4		159,884	182,138	139,412	139,412	U
250	64704N	OCEANOGR INSTRUMENT SPT	4			381	489	489	U
251	64710N	NAVY ENERGY PROGRAM (ENG)	4	14,677	15,704	22,547	26,547	26,547	U
252	64711N	COMMAND & CONTROL SYS(ENG)	4	10,109	13,734	26,017	25,048	25,048	U
253	64713N	TACTAS (AN-SQR-19)	4	17,820	9,773	3,735			U
254	64714N	AIR W/F TRAINING DEV	4	27,866	17,000	11,778	3,156	3,156	U
255	64715N	SURFACE W/F TRAINING DEV	4	40,716	31,897	28,069	60,243	60,243	U
256	64716N	SUBMARINE W/F TRAINING DEV	4	33		587	980	980	U
257	64717N	COMBAT SERVICES SUPP	4	3,179	2,933	3,795	4,301	4,301	U
258	64718M	INTELL/ELECT W/F SYS	4	2,174	2,667	5,411	6,194	6,194	U
259	64719M	COMMAND/CNNT/CORIM SYS	4	61,044	27,706	24,925	28,090	28,090	U
260	64720N	TAC AIR OPER CENTRAL 85	4		12,703	5,224	3,139	3,139	U
261	64725N	REGIONAL TACTICAL SURV	4		1,500	39,023	39,044	39,044	U
262	64761N	INTELLIGENCE (ENG)	4	6,069	12,022	8,890	9,109	9,109	U
263	64771N	MEDICAL DEV (ENG)	4	2,046	2,314	2,426	2,554	2,554	U
264	64779N	JINTACCS	4	4,689	6,337	8,056	11,679	11,679	U
265	64780N	JINTACCS MC	4	1,276	1,624	6,459	10,055	10,055	U

PAGE N-13

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1
DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			S E C
		ACT	FY 1982	FY 1983	
266	64789N SURV TOWED ARRAY SENSOR	4			2,753 U
287	65185N FLT TACT D&E	4	17,257	17,666	19,327 21,032 U
288	65803N ELECTROMAG SPECTRUM MNGMT	4	5,586	4,569	7,301 8,308 U
269	65883N MANAG & TECH SUPPORT	4	10,160	11,685	12,237 14,724 U
270	65888N TACTICAL ELECTRO SUPPORT	4	3,197		1,050 4,794 U
271	65887N C2 SURV/RECONN SPT	4	1,594	1,968	4,223 4,751 U
272	65871M MC TAC EXPLOIT NAT CAP	4	236	360	399 469 U
273	24134N A6 SQUADRONS	4	9,978	4,725	6,701 10,720 U
274	24136N F/A-18 SQUADRONS	4			27,159 88,044 U
275	24152N EARLY WARNING ACFT SQDNS	4	18,066	52,205	54,405 44,638 U
276	24161N AVIATION SUPPORT CWV	4	9,357	7,968	7,050 3,099 U
277	24163N FLT TELECOM (TAC)	4	35,007	20,604	41,963 76,869 U
278	24226N PATROL COMBATANTS-HICANS	4	492		U
279	24281N SUBMARINES	4	7,429	6,432	7,442 6,631 U
280	24304N MINES & MINE SUPPORT	4	2,480	10,481	15,909 4,632 U
281	24311N UNDERSEAS SURVEILLANCE SYS	4	48,577	49,649	52,442 68,723 U
282	24313N SURTASS	4	6,364	7,070	3,476 3,675 U
283	24571N SPECIAL PROJECTS	4		6,660	16,051 16,478 U
284	24573N NAVY COVER & DECEPT PROG	4	13,305	14,312	12,644 5,951 U
285	24575N ELECTRONIC WARFARE SPT	4	15,074	8,014	9,529 21,386 U

UNCLASSIFIED

PAGE N-14

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM	LINE ELEMENT NO	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985	E	S
THOUSANDS OF DOLLARS									
286	24576N	COUNTER C3 DEV	4		11,533	15,240		44,361	U
287	25601N	HARM IMPROVEMENT	4			11,793		4,883	U
288	25604N	JTIDS	4	48,069	91,163	121,200		115,545	U
289	25620N	ASW COMBAT SYS INTEG	4	20,866	15,893	15,551		18,577	U
290	25623N	SURF SHP SONAR MODRNIZATN	4	15,973	5,976	5,773		9,550	U
291	25624N	AN/SQR-18 TACTAS	4	6,611	4,890	687		3,922	U
292	25633N	ACFT EQ REL/MAINT PROG	4	7,231	7,067	6,839		7,597	U
293	25634N	SUBMARINE SILENCING	4	15,565	12,283	18,185		19,608	U
294	25645N	MODULR GLIDE WPN IMPR PROG	4	4,118	5,260	3,987		168	U
295	25658N	LAB FLEET SUPPORT	4	4,283	4,668	5,787		6,812	U
296	25662N	A/C PROPULSION EVAL GEN	4	2,000	2,835	3,106		3,656	U
297	25663N	A/C FLIGHT TEST GENERAL	4	927	953				
298	25667N	F-14 A	4	15,530	14,724	42,705		77,673	U
299	25670N	TACTICAL INTELL PROC SUP	4	2,721	1,942	2,413		2,059	U
300	25674N	EW COUNTER RESPONSE	4	10,716	12,653	23,800		31,608	U
301	25676N	OPERATIONAL REACTOR DEV	4	2,344	2,855	18,086		18,483	U
302	26313M	MARINE CORPS TELECOM	4	1,862	2,228	5,014		7,532	U
303	26623M	GRD COMBAT/SUP ARMS SYS	4	4,873	2,981	22,538		33,353	U
304	26624M	COMBAT SERVICES SUP	4	493	369	1,382		1,419	U
305	26625M	INTELL/ELECT WARFARE SYS	4		714	583		10	U
306	26626M	COMMAND/COMM SYS	4	12,576	16,251			22,466	U
								26,962	U

PAGE N-15

UNCLASSIFIED

UNCLASSIFIEDDEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	S			E	
		ACT	FY 1982	FY 1983	FY 1984	FY 1985 C
307	26627M M/C TECH SUPT C/C SYS	4		2,798	2,888	3,036 U
308	28010M TRI-TAC-MC	4	16,324	15,419	21,595	17,531 U
309	28010N TRI-TAC-NAVY	4	9,120	9,139	6,059	6,867 U
	TACTICAL PROGRAMS		3,576,626	2,612,774	4,295,505	4,917,234
						1,373 U
310	63511N AIR CONTROL	5				
311	63518N ADV NAVIG DEVELOPMENT	6	2,739	476	955	2,942 U
312	64514N NAVIGATION SYSTEMS	5	5,649	3,820	4,116	3,067 U
313	64577N EHFSATCOM	5		45,902	57,424	62,295 U
314	64777N NAVSTAR GPS	5	34,000	39,822	65,443	88,250 U
315	65866N C2 SYSTS PLAN/ENG SUPP	6	2,948	5,060	5,136	6,159 U
316	31303N FIELD OPER INTELL OFFICE	5				
317	31309N INTELLIGENCE SPT CENTER	5				
318	31326N PRAIRIE SCHOONER	5				
319	31327N TECH RECONN AND SURV	5				
320	31335N ADP GDIP SPT	5				
321	33109N SATELLITE COMMUNICATIONS	5	38,811	5,527	8,225	12,922 U
322	33126N LONG HAUL COMM(DCS)	5	689	5,465	1,172	675 U
323	33401N COMSEC	5				

UNCLASSIFIED

PAGE N-16

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
324	34111N SPECIAL ACTIVITIES	5	211,307	266,346	346,000
	INTELLIGENCE AND COMMUNICATIONS				429,912
325	63461N SPACE TECHNOLOGY	6	8,766		U
326	64208N RANGE INST & SYS DEV	6	10,988	9,873	14,099
327	64268N TARGET SYSTEMS DEV	6	58,603	43,861	53,652
328	64703N TRNG & PERS SYS DEV	6	10,429	6,551	6,703
329	64709N JT MPWR/PERS PROTOS	6	4,937	2,152	7,281
330	65161M STUDIES & ANAL SUP/MC	6	1,723	2,000	1,815
331	65162N STUDIES & ANAL SUP/NAVY	6	7,771	5,000	6,261
332	65163M MCDAAG	6	2,482	2,754	2,679
333	65164N CENTER FOR NAVAL ANAL/NAVY	6	11,351	12,445	12,672
334	65166M MC OPERATIONAL T&E	6	966	2,848	2,527
335	65804N TECH INFO SERVICES	6	1,392	1,665	4,507
336	65862N AUTEC	6	37,320	43,658	49,197
337	65864M DEVELOPMENT CENTER SUPPORT	6	4,422	3,698	3,712
338	65867N INTERNATIONAL RDT&E	6	1,351	1,936	2,095
339	65869N MOBILE SEA RANGE	6	6,924	3,229	2,778
340	65881N RDT&E LAB & FAC MGMT SPT	6	62,520	62,499	64,827
341	65882N RDT&E INSTRUM & MATL SPT	6	46,462	32,266	24,921
342	65863N RDT&E SHIP & AIRCRAFT SPT	6	65,328	69,363	74,638
343	65864N TEST AND EVAL SPT	6	244,170	267,162	287,212
					303,938 U

PAGE N-17

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT -----	FY 1982 -----	FY 1983 -----	FY 1984 -----	FY 1985 -----	THOUSANDS OF DOLLARS S -----
344	65865N OT&E CAPABILITY	6	5,231	6,772	6,949	7,309	U
345	65870N STRATEGIC SYSTEMS TEST SUP	6	17,746	17,508			U
346	65872N PRODUCTIVITY IMPROVEMENT	6	7,490	4,410	4,304	1,611	U
347	35111N WEATHER SERVICE	6	2,867	1,186	1,568	1,425	U
348	35160N DEF METEORLOGICAL SAT PROG	6	750	773	802	2,964	U
349	88751N CIVILIAN EDUCATION PROGS	6	800				
	DEFENSEWIDE MISSION SUPPORT		601,890	603,498	634,099	711,232	
TOTAL	RESEARCH DEVELOPMENT TEST + EVAL, NAVY		6,834,626	6,086,031	6,181,043	9,811,820	

UNCLASSIFIED

PAGE N-18

AIR FORCE

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 RDT&E PROGRAM
SUMMARY

EXHIBIT R-1

DATE: 31 JAN 1983

THOUSANDS OF DOLLARS

SUMMARY RECAP OF RESEARCH CATEGORIES

	FY 1982	FY 1983	FY 1984	FY 1985	FY 1986
RESEARCH	147,437	167,624	193,957	215,026	
EXPLORATORY DEVELOPMENT	482,497	518,504	541,238	581,876	
ADVANCED DEVELOPMENT	918,680	936,362	1,634,969	2,600,221	
ENGINEERING DEVELOPMENT	4,399,772	5,584,883	6,977,656	8,044,706	
MANAGEMENT AND SUPPORT	7,700,704	7,713,894	8,910,666	8,816,951	
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 0)	6,649,070	7,923,087	10,058,406	10,258,779	
OPERATIONAL SYSTEMS DEVELOPMENT	2,248,701	2,702,494	3,893,865	3,841,545	
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE	8,897,771	10,625,581	13,052,273	14,100,324	

SUMMARY RECAP OF BUDGET ACTIVITIES

TECHNOLOGY BASE	629,934	866,128	735,196	796,901	
ADVANCED TECHNOLOGY DEVELOPMENT	397,899	415,819	600,847	640,705	
STRATEGIC PROGRAMS	3,586,244	4,613,334	6,621,903	8,467,258	
TACTICAL PROGRAMS	1,741,390	2,103,430	2,614,703	2,629,272	
INTELLIGENCE AND COMMUNICATIONS	1,280,103	1,404,412	1,826,865	1,746,194	
DEFENSEWIDE MISSION SUPPORT	1,300,201	1,402,438	1,651,770	1,819,994	
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE	8,897,771	10,625,581	13,052,273	14,100,324	

SUMMARY RECAP OF FYDP PROGRAMS

STRATEGIC FORCES	421,983	492,984	466,670	337,488	
GENERAL PURPOSE FORCES	342,314	525,708	772,274	713,476	
INTELLIGENCE AND COMMUNICATIONS	1,446,362	1,666,486	2,315,112	2,750,421	
AIRLIFTSEALIFT	23,944	10,822	11,780	4,697	
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 0)	6,649,070	7,923,087	10,058,406	10,258,779	
CENTRAL SUPPLY AND MAINTENANCE	11,468	13,736	22,483	27,713	
TRAINING MEDICAL AND OTHER			2,874	5,107	
SUPPORT OF OTHER NATIONS	2,670	2,700	2,722	2,746	
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE	8,897,771	10,625,581	13,052,273	14,100,324	

PAGE F-1

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 R D T & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985 C
1 61101F IN-HOUSE LAB INDEPENDENT RESEARCH	1	11,206	12,624	13,089	17,005	U
2 61102F DEFENSE RESEARCH SCIENCES	1	136,179	155,000	160,888	198,021	J
3 62101F GEOPHYSICS	1	34,102	37,765	40,607	41,723	U
4 62102F MATERIALS	1	42,180	46,164	47,844	53,276	U
5 62201F AEROSPACE FLIGHT DYNAMICS	1	56,468	61,203	61,192	66,625	U
6 62202F AEROSPACE BIOTECHNOLOGY	1	67,981	40,500	43,614	46,705	U
7 62203F AEROSPACE PROPULSION	1	54,526	56,000	56,393	60,239	U
8 62204F AEROSPACE AVIONICS/VHSL CIRCUITS	1	62,826	67,634	70,110	74,341	U
9 62205F TRAINING/SIMULATION TECH	1	14,164	17,000	22,477	23,327	U
10 62302F ROCKET PROPULSION	1	94,616	37,072	35,210	41,184	U
11 62601F ADVANCED WEAPONS	1	69,050	44,452	45,714	47,740	U
12 62602F CONVENTIONAL MUNITIONS	1	33,294	37,402	40,800	43,851	U
13 62702F COMMAND/CONTROL/COMMUNICATION	1	67,353	69,612	69,264	76,124	U
14 62703F PERS UTILIZATION TECH	1	6,637	6,500	6,157	8,770	U
	TECHNOLOGY BASE	629,934	666,126	735,195	796,901	
15 63103F ADVANCED AIRBORNE RADAR DEVELOPMENT	2			4,174	9,423	U
16 63106F LOGISTICS RESEARCH & DEV RQMTS	2			5,291	11,194	U
17 63202F ACFT PROPULSION SUBSYS INTEGRATION	2	23,013	21,466	27,026	27,176	U
18 63203F ADV AVIONICS FOR ACFT	2	14,944	17,201	25,280	24,877	U
19 63205F FLT VEHICLE TECHNOLOGY	2	9,055	7,301	15,039	22,157	U
20 63206F RECON SENSORS/PROCESSING TECHNOLOGY	2	4,086	4,800	7,736	10,493	U

PAGE F-1

UNCLASSIFIED

UNCLASSIFIED

**DEPARTMENT OF THE AIR FORCE
FY 1984 R D T & E PROGRAM**

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1
DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO. NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
21 63211F	AEROSPACE STRUCTURES/MATERIALS	2	16,497	22,545	22,762
22 63218F	AVIATION TURBINE FUEL TECHNOLOGY	2	6,400	6,699	5,042
23 63219F	ADV TURBINE ENGINE GAS GENERATOR	2	33,278	30,979	26,905
24 63226F	DOD COMMON PROG LANGUAGE(ADA)ADV DEV	2		6,930	7,801
25 63227F	ADVANCED SIMULATOR TECHNOLOGY	2	4,102	10,739	8,731
26 63231F	CREW SYSTEMS TECHNOLOGY	2		2,000	7,862
27 63248F	ADV FIGHTER TECH INTEGRATION	2	13,855	10,967	19,492
28 63250F	LINCOLN LABORATORY	2	22,117	23,079	25,070
29 63253F	ADVANCED SYSTEM INTEGRATION DEMO	2		16,421	29,023
30 63258F	CARTOG APPLICATIONS-TAC & STRAT SYSA	2			1,299
31 63302F	ADV HSLE PROPULSION	2	6,829		3,333
32 63363F	HYPERVERLOCITY MISSILE	2	10,070	992	974
33 63401F	SPACE VEHICLE SUBSYSTEMS	2		4,339	6,314
34 63406F	ADV MIL SPACEFLIGHT CAPABILITY	2			2,758
35 63410F	SPACE SYS ENVIRON INTERACTIONS TECH	2		1,000	2,557
36 63452F	VERY HIGH SPEED INTEGRATED CIRCUITS	2	79,847	66,004	125,109
37 63601F	CONVENTIONAL WEAPONS	2	22,464	20,017	32,032
38 63603F	SPACE LASERS	2			36,095
39 63606F	ADVANCED RADIATION TECH	2	75,016	67,468	62,630
40 63704F	MANPOWER PERS SYS TECH	2			1,830
41 63723F	CIVIL/ENVIRONMENTAL ENGR TECH	2	3,666	4,102	6,007

UNCLASSIFIED

PAGE F-2

UNCLASSIFIEDDEPARTMENT OF THE AIR FORCE
FY 1984 R D T & E PROGRAM

APPROPRIATION: 3800 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
42 63728F	ADVANCED COMPUTER TECHNOLOGY	2 4,682	3,457	8,892	8,668 U
43 63743F	ELECTRO-OPTICAL WARFARE	2 9,761	14,000	20,714	20,299 U
44 63748F	CHEMICAL WARFARE DEFENSE	2	4,877	4,676	4,438 U
45 63780F	COUNTER/COUNTERMEASURES - ADV DEV	2 2,038	5,541	10,859	11,771 U
46 63781F	INNOVATIONS IN EDUCATION/TRAINING	2 2,491	2,800	8,118	8,063 U
47 63749F	COMD/CNTRL/COMM ADV DEV	2 10,980	18,296	16,715	23,865 U
48 64247F	MODULAR AUTOMATIC TEST EQUIPMENT	2 20,224	-----	-----	U
	ADVANCED TECHNOLOGY DEVELOPMENT	007,699	415,813	600,847	640,708
49 63286F	COMMON STRATEGIC ROTARY LAUNCHER	0 21,900	60,176	41,470	63,866 U
50 63311F	ADVANCED STRATEGIC MISSILE SYSTEMS	0 99,924	49,737	97,997	127,021 U
51 63312F	ADVANCED CONCEPTS	0	60,000	-----	-----
52 - 63319F	ADVANCED TECHNOLOGY CRUISE MISSILE	0 34,067	26,762	17,850	U
53 63424F	MIL SURVEILLANCE TECH	0 14,496	9,745	7,429	U
54 63426F	ADVANCED WARNING SYSTEMS	0 7,962	10,000	30,883	76,176 U
55 63428F	SPACE SURVEILLANCE TECHNOLOGY	0 27,710	20,265	22,080	36,040 U
56 63431F	SPACE COMMUNICATIONS	0 63,301	-----	-----	U
57 63436F	SATELLITE SYS SURVIVABILITY	0 10,976	-----	-----	U
58 63703F	CONUS OVER-THE-HORIZON RADAR	0 4,264	-----	-----	U
59 63716F	ATMOSPHERIC SURVEILLANCE TECH	0	-----	11,697	U
60 63736F	WHMCS ARCHITECTURE	0 13,610	14,923	11,196 U	

61

PAGE F-3

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 R D T & E PROGRAM

APPROPRIATION: 3800 P RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	THOUSANDS OF DOLLARS	
					FY 1984	FY 1985 C E
02 04200P B-1B	0	471,000	753,500	749,900	491,600	U
03 04200P TANKER TRANSPORT BOMBER TRNG SYS	0			1,530	5,674	U
04 04011P H-X	0	1,899,740	2,505,762	3,078,389	2,901,163	U
05 0400P STRAT CONVENTIONAL STANDOFF CAP	0			35,000	93,500	U
06 04381P AIR LAUNCHED CRUISE MISSILE	0	99,920	136,994	26,847	26,472	U
07 04400P SPACE DEFENSE SYS	3	200,900	209,482	205,624	106,291	U
08 04711P SYSTEMS SURVIVABILITY (NUC EFFECT)	0	11,805	12,636	11,821	14,232	U
09 11110P B-52 SQUADRONS	3	92,676	91,076	86,892	41,755	U
70 11140P KC-135 SQUADRONS	0	26,680	26,950	11,300	9,401	U
71 11210P MINUTEMAN SQUADRONS	0	19,326	10,957	4,956	4,761	U
72 11010P FIGHT ATTACK CND/CNTRL SYS	0	8,365	24,014	6,869	2,347	U
73 11010P SAC COMMUNICATIONS	0	30,434	26,098	15,256	1,597	U
74 12010P WMOOS ADP-NORAD/ADCOM	0	1,281	6,232	16,149	24,246	U
75 12011P NORAD COC	3	23,611	24,378	49,464	37,441	U
76 12010P BALLISTIC MSL TAC WND/ATK ASSES SYS	3		1,283	1,893	2,192	U
77 12020P JOINT SURVEILLANCE SYSTEM	0	1,080	-	1,167	789	750 U
78 12411P SURVEILL RADAR STATIONS/SITES	0	8,134	1,147	8,756	3,020	U
79 12411P DEW RADAR STATIONS	0		8,000	31,282	29,286	U
80 12411P ODINUS OVER-THE-HORIZON RADAR	0	16,700	77,070	99,100	47,162	U
81 12400P BALLISTIC MSL EARLY WND SYSTEM	0	12,762	10,282	10,807	6,730	U
82 12424P SPACETRACK	0	8,010	5,542	5,659	7,619	U

UNCLASSIFIED

PAGE F-4

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 RDT&E PROGRAM

APPROPRIATION: 3800 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			
		ACT	FY 1982	FY 1983	FY 1984
83 12431F	DEFENSE SUPPORT PROGRAM	0	146,760	120,287	48,069
84 12432F	SILBM RADAR WARNING SYSTEMS	0	3,174	2,870	3,786
85 12433F	INTEG OPERATIONAL NUDETS DETECT SYS	0	6,074	19,065	30,474
86 12436F	CAMD CTR PROCESS/DISPLAY SYS	0			19,982
87 12450F	SPACE DEFENSE OPS	0	1,096	8,470	0
88 32016F	NATIONAL EMER ABN COMD POST	0			20,987
89					24,311
90 33168F	WHCCS INFORMATION SYSTEM	0		5,000	25,257
91 33601F	AIR FORCE SAT COMM SYS	0	79,201	48,129	166,552
92 33603F	MIL STRATEGIC TACTICAL + RELAY SYS	0		117,627	149,906
93 38166F	THEATER NMIC WPN STORAGE&SEC SYS	0			2,221
94 38168F	SATELLITE DATA SYSTEM	0	26,393	7,066	7,624
95					0
96	STRATEGIC PROGRAMS	3,086,244	4,613,334	6,921,093	6,467,258
97 63228F	NEXT GENERATION TRAINER ACFT	4	14,645		U
98 63230F	ADVANCED TACTICAL FIGHTER	4			162,314
99 63234F	ENFORCER	4	6,000	37,361	U
100 63238F	ADV TACTICAL AIR RECONNAISSANCE SYS	4			7,796
101 63244F	ACFT NON-NUCLEAR SURVIVABILITY	4	1,694	2,011	2,924
102 63249F	NIGHT ATTACK PROGRAM	4	7,017	4,491	3,748
	PAGE	R-6			

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 RDT&E PROGRAM

APPROPRIATION: 9000 P RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	THOUSANDS OF DOLLARS
103 0320AF	ADVANCED SYSTEM INTEGRATION DEMO	4	8,374			8
104 0320ER	JOINT SERVICE ADVANCED VERTICAL LIFT A/O(JVX)	4		14,351	42,928	U
105 03307P	AIR BASE SURVIVABILITY	4		3,632	3,310	U
106 03313P	ADV HSL SUBSYSTEMS DEMONSTRATION	4	8,878			U
107 03320P	ADV MED RANGE A-A HSL	4	1,298			U
108 03609F	ADV ATTACK WEAPONS	4	54,842	17,999		U
109 03714P	DOD PHYSICAL SECURITY EQ-EXTERIOR	4	986	3,911	3,718	1,913 U
110 03719P	ELECTRONIC WARFARE TECHNOLOGY	4	11,156	13,350	24,708	26,349 U
111 03720P	FIBER OPTICS DEVELOPMENT	4		2,864	2,778	3,481 U
112 03727P	ADVANCED COMMUNICATIONS TECHNOLOGY	4	3,280	6,106	6,024	4,050 U
113 03729P	ADV DRONE/REMOTELY PILOTED VEH DEV	4	2,439			U
114 03742P	OCCMBT IDENTIFICATION TECHNOLOGY	4	11,194	14,986	14,029	11,907 U
115 03748P	OXHEMICAL WARFARE DEFENSE	4	3,985			U
116 03747P	PAVE MOVER	4	6,160	2,003	4,026	9,365 U
117 03749P	OOCM ADVANCED SYSTEMS	4			1,902	2,001 U
118						
119 04201P	AORFT AVIONICS EQUIPMENT DEVELOPMENT	4	16,001	16,137	21,752	26,218 U
120 04212P	AIRCRAFT EQUIPMENT DEV	4	2,057	1,884	10,594	14,067 U
121 04216P	ENGINE MODEL DERIVATIVE PROG	4	36,610	36,254	13,853	16,067 U
122 04219P	INTEGRATED DIGITAL AVIONICS	4	2,002			U
123 04220P	EW COUNTER RESPONSE	4	9,165	22,000	34,508	37,252 U

PAGE F-6

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 R D T & E PROGRAM

APPROPRIATION: 3600 P RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER

ITEM NOMENCLATURE

ACT

FY 1982

FY 1983

FY 1984

FY 1985 C

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985 C
124 64222F	NUCLEAR WEAPONS SUPPORT	4	1,694	2,296	1,972	1,991 U
125 64223F	ALTERNATE FIGHTER ENGINE	4		64,000	132,059	32,998 U
126 64231F	C-17 PROGRAM			60,000	26,800	62,633 U
127 64247F	MODULAR AUTOMATIC TEST EQUIPMENT			34,580	16,744	10,034 U
128 64249F	NIGHT PRECISION ATTACK		64,272	99,667	69,882	98,386 U
129 64268F	ACFT ENGINE COMPONENT IMPROVE PROG		181,869	107,312	142,031	168,462 U
130 64313F	NEXT GENERATION TRAINER			51,065	123,494	73,238 U
131 64314F	ADV MED RANGE AIR-TO-AIR MSL		106,460	206,460	166,821	201,221 U
132 64321F	JOINT TACTICAL FUSION PROGRAM		5,238	5,280	4,870	U
133 64326F	STANDOFF ATTACK WEAPON				16,373	67,186 U
134 64362F	GRD LAUNCHED CRUISE MSL		80,065	26,581	66,532	13,200 U
135 64501F	O/B DEFENSE EQUIPMENT		9,994	16,339	15,670	14,194 U
136 64502F	ARMAMENT ORDNANCE DEVELOPMENT		26,052	20,148	20,866	21,255 U
137 64508F	JOINT TACTICAL MISSILE SYSTEM			23,200	9,920	39,868 U
138 64507F	WIDE-AREA ANTI-ARMOR MUNITION		16,641	13,703	52,168	95,991 U
139 64608F	CLOSE AIR SUPPORT WEAPONS SYSTEM		22,876	4,412	1,680	U
140 64612F	LOW LEVEL LASER GUIDED BOMBS		9,951	9,016		
141 64614F	MEDIUM RANGE AIR-TO-SURFACE MISSILE		47,053	42,662	21,901	13,410 U
142 64616F	JATARS		27,392	29,326	90,594	68,386 U
143 64617F	AIRBASE SURVIVABILITY				6,187	11,145 U
144 64703F	AEROMEDICAL SYSTEMS DEVELOPMENT				3,882	4,200 U

PAGE F-7

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 R D T & E PROGRAM

APPROPRIATION: 9800 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1982	FY 1983	FY 1984	FY 1985	E C
			THOUSANDS OF DOLLARS	8	8	8	8
148	64706F LIFE SUPPORT SYSTEM	4	13,049	11,417	15,399	16,514	U
148	64707F WEATHER SYSTEMS	4	3,486				U
147	64708F OTHER OPERATIONAL EQUIPMENT	4	15,276	16,353	10,651	8,937	U
148	64710F RECONNAISSANCE EQUIPMENT	4	8,432	7,698	13,382	16,329	U
149	64718F DOD PHYSICAL SECURITY EQ-EXTERIOR	4	7,370	16,698	17,958	15,363	U
150	64724F TAC C3 COUNTER-MEASURES	4	13,025	20,278	28,522	32,768	U
151	64726F COMBAT IDENTIFICATION SYSTEMS	4	12,184	19,000	26,952	32,401	U
152	64732F SURFACE DEF SUPPRESSION	4	6,392	4,740	1,916		U
153	64737F AIRBORNE SELF-PROTECTION JAMMER	4	84,098	46,726	42,241	16,041	U
154	64738F PROTECTIVE SYSTEMS	4	111,221	106,087	49,969	40,818	U
155	64739F TACTICAL PROTECTIVE SYSTEMS	4	20,709	26,093	34,669	37,184	U
156	64740F APPL FOR INFO PROCESSING TECH	4	4,882	4,497	7,860	12,331	U
157	64742F PRECISION LOCATION STRIKE SYSTEM	4	79,490	76,727	69,724	69,127	U
158	64746F EXPENDABLE DRONES	4	12,456				U
159	64750F INTELLIGENCE EQUIPMENT	4	14,824	12,869	16,400	15,871	U
160	64751F INTRA-THEATRE IMAGING SYSTEM	4	487				U
161	64753F COMBAT HELICOPTER MODERNIZATION	4	18,629	27,347	68,507	17,877	U
162	64754F JT TAC INFO DIST SYS	4	72,376	82,813	49,334	61,587	U
163	64756F SIDE LOOKING AIRBORNE RADAR (SLAR)	4	30,490	27,192	23,862	26,913	U

UNCLASSIFIED

PAGE F-8

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 R D T & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
164 04779F JT INTEROPERABILITY TAC COMD/CNTRL	4	7,472	3,637	5,667	4,023 U
165					
166 27128F F-4 SQUADRONS	4	6,776			U
167 27129F F-111 SQUADRONS	4	2,690	36,290	84,366	110,671 U
168 27130F F-15 SQUADRONS	4	32,286	104,612	117,774	68,645 U
169 27131F A-10 SQUADRONS	4	16,549	5,000	2,716	2,694 U
170 27132F FIGHTER DERIVATIVE	4				
171 27133F F-16 SQUADRONS	4	67,284	73,466	107,395	72,832 U
172 27136F F-4G WILD WEASEL SQUADRONS	4		20,000	63,264	49,547 U
173 27138F TACTICAL AGM MISSILES	4	4,284	4,790	6,124	3,734 U
174 27247F TACTICAL SURVEILLANCE SYS	4	299	265	271	265 U
175 27411F OVERSEAS AIR WEAPON CONT SYS	4	1,738	3,486	3,320	3,199 U
176 27418F TACTICAL AIR CONTROL SYSTEM	4	10,666	6,422	8,639	20,276 U
177 27417F TAC AIRBORNE COMD/CNTRL SYS	4	61,610	66,960	69,106	65,166 U
178 27423F ADV COMM SYS	4	61,610	10,679	65,216	66,011 U
179 27401F TAC AIR INTELL SYS ACTYS	4	10,276	6,243	1,462	6,614 U
180					
181 27508F SPK SPINNER	4				
182					
183 27509F BASE COMM - TACTICAL AIR FORCIS	4				
184 28000F AMRAAM OPER UTILITY EVAL	4				
			2,700		
				480	
					950 U
					U

PAGE R-9

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 R D T & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
185 26010F	JT TACTICAL COMM PROG (TRI-TAC)	4	25,851	47,860	25,794
186 35687F	ELECTROMAGNETIC COMBAT INTEL SPT	4		2,623	1,840
187 41116F	C-130 AIRLIFT SQUADRONS (1F)	4	14,944	668	465
188 41116F	C-141 AIRLIFT SQUADRONS (1F)	4			3,194
189 41118F	O-5 AIRLIFT SQUADRONS (1F)	4	9,000	7,877	4,774
190 41314F	OPERATIONAL SUPPORT AIRLIFT	4		2,657	
191 41640F	MAC COMMAND/CONTROL SYS	4			3,327
192 71113F	PROCUREMENT OPERATIONS	4	1,741,990	2,103,430	2,014,703
	TACTICAL PROGRAMS				2,629,272
193 63431F	SPACE COMMUNICATIONS	6		39,949	39,924
194 63736F	WMCCS ARCHITECTURE	6		9,066	
195 64776F	NAVSTAR GPS USER EQUIPMENT	6	165,377	122,651	95,714
196 65708F	AIRCRAFT NAVIGATION SYS VERIF	6			1,694
197 21131F	US READINESS COMD - COMM	6			1,700
198 31313F	DEFENSE DISSEMINATION PROGRAM	6			949
199 31314F	INFRARED PROCESSING + EXPLOITATION	6		2,400	
200 31315F	MISSILE AND SPACE TECH COLLECTION	6		19,450	651
201 31316F	TECHNICAL SENSOR COLLECTION	6			2,000
202					
203					

PAGE F-10

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 RDT&E PROGRAM

APPROPRIATION: 8600 P RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
204 31057P	INTEG OPERATIONAL NUDETS DETECT SYS	0	4,600	1,996	E
205 31110P	DEF SATELLITE COMM SYS	0	60,875	51,628	FY 1985 C
206 31128P	LONG-HAUL COMMUNICATIONS (DCS)	0	7,940	12,737	31,978 U
207 31144P	ELECTROMAG COMPATIBILITY ANAL CTR	0	6,965	7,251	11,642 U
208 31401P	COMMUNICATIONS SECURITY	0	1,694	1,621	6,900 U
209 34111P	SPECIAL ACTIVITIES	0	939,204	1,126,200	
210 38114P	TRAFFIC CNTRL/APPROACH/LANDING SYS	0	5,260	4,348	6,269
211					7,798 U
212 38184P	NAVSTAR GLOBAL POS SYS (USER EA)	0		6,776	9,269 U
213 38188P	NAVSTAR GPS (SPACE/GND SEGMENTS)	0		27,143	32,348 U
214 64700P	GEN INTELLIGENCE SKILL TNG	0		2,874	5,107 U
	INTELLIGENCE AND COMMUNICATIONS	1,260,103	1,404,412	1,628,865	1,746,194
215 63228P	DOD COMMON PROG LANGUAGE (ADA) ADV DEV	0	6,974		U
216 63246P	CONCEPT DEVELOPMENT	0		980	3,225 U
217 63402P	SPACE TEST PROGRAM	0	42,939	62,073	71,066
218 63438P	SATELLITE SYS SURVIVABILITY	0		19,525	34,011
219 63707P	WEATHER SYSTEMS	0	3,189	3,438	3,244
220 64211P	ADV AERIAL TARGETS DEV	0	14,150	12,756	10,678
221 64223P	ALTERNATE FIGHTER ENGINE	0	36,969		U
222 64227P	FLIGHT SIMULATOR DEVELOPMENT	0	11,108	5,439	25,039
223 64411P	SPACE SHUTTLE	0	276,700	355,113	337,361

PAGE R-11

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 R D T & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	THOUSANDS OF DOLLARS
						\$
224	84808F LOGISTICS TECH FOR WEAPONS SYSTEMS	6			10,057	14,226 U
225	84707F WEATHER SYSTEMS	6		4,064	6,111	2,405 U
226	84736F RANGE IMPROVEMENT	6		22,677	25,311	16,044
227	84747F ELECTROMAG RADIATION TEST FACIL	6		3,086	7,487	7,202
228	84758F IMPROVED CAPABILITY FOR RDT+E	6			31,476	66,339
229	85101F PROJECT AIR FORCE	6	14,848	16,231	16,629	17,027 U
230	85304F ACQ/COMD SPT - TELECOM	6	6,496	4,764	5,946	5,656 U
231	85306F RANCH HAND II EPIDEMIOLOGY STUDY	6	7,365	840	5,025	742 U
232	85708F AIRCRAFT NAVIGATION SYS VERIF	6		15,590	38,704	18,264 U
233	85808F ACQUISITION AND COMMAND SUPPORT	6	267,217	279,000	303,430	316,261 U
234	85807F TEST AND EVALUATION SPT	6	370,217	353,806	391,035	407,937 U
235	85808F ADV SYS ENGINEERING/PLAN	6	4,961	3,500	2,366	6,088 U
236	85872F PRODUCTIVITY IMPROVEMENT	6			4,109	U
237	85890F INSTL AUDIOVISUAL SPT (R/D)	6	5,394	5,822	5,815	5,799 U
238	85668F MAT HQ (RESEARCH/DEV)	6	22,630	34,341	37,586	37,145 U
239	35110F SATELLITE CONTROL FACILITY	6	87,645	60,219	72,449	86,780 U
240	35119F SPACE BOOSTERS	6	19,426	15,011	15,596	12,950 U
241	35130F CONSOLIDATED SPACE OPERATIONS CENTER	6	19,422	28,000	72,677	73,946 U
242	35160F DEF METEOROLOGICAL SATELLITE PROG	6	43,523	25,365	26,570	50,842 U

UNCLASSIFIED

PAGE F-12

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1984 R D T & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			
		ACT	FY 1982	FY 1983	FY 1984
243	38171F SPACE LAUNCH SUPPORT	6	20,151	16,419	34,526
244	71112F INVENTORY CONTROL POINT OPERATIONS	6		1,977	946
245	78011F INDUSTRIAL PREPAREDNESS	6		2,080	4,806
246	78019F UTAH TESTING + TRAINING RANGE	6	1,793	2,080	2,229
247	78026F PRODUCT/RELIABLE/AVAIL/MAINTAIN PROG	6	9,665	9,661	14,472
248	01004F INTERNATIONAL ACTIVITIES	6	2,670	2,768	2,722
	DEFENSEWIDE MISSION SUPPORT	1,300,201	1,402,438	1,651,770	1,619,994
	TOTAL RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE	6,887,771	10,825,561	13,662,273	14,100,324

PAGE F-13

UNCLASSIFIED

DEFENSE AGENCIES

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DEFENSE AGENCIES
FY 1984 R D T & E PROGRAM

SUMMARY

EXHIBIT R-1

DATE: 31 JAN 1983

THOUSANDS OF DOLLARS

SUMMARY RECAP OF RESEARCH CATEGORIES

	FY 1982	FY 1983	FY 1984	FY 1985
RESEARCH				
EXPLORATORY DEVELOPMENT	94,140	102,800	110,400	127,174
ADVANCED DEVELOPMENT	635,103	935,500	1,076,200	1,245,270
ENGINEERING DEVELOPMENT	16,807	18,258	17,611	17,581
MANAGEMENT AND SUPPORT	6,247	7,052	5,619	6,546
45,950	49,289	67,000	80,562	
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)				
OPERATIONAL SYSTEMS DEVELOPMENT	986,247	1,112,896	1,279,030	1,479,133
699,399	1,040,293	1,660,870	1,886,789	
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,697,646	2,153,169	2,939,900	3,415,902

SUMMARY RECAP OF BUDGET ACTIVITIES

	FY 1982	FY 1983	FY 1984	FY 1985
TECHNOLOGY BASE	929,243	1,038,300	1,188,600	1,372,444
ADVANCED TECHNOLOGY DEVELOPMENT			2,000	2,500
STRATEGIC PROGRAMS	85,491	85,127	85,300	85,956
TACTICAL PROGRAMS	2,719	700	2,100	2,162
INTELLIGENCE AND COMMUNICATIONS	634,243	977,773	1,612,700	1,900,320
DEFENSEWIDE MISSION SUPPORT	45,950	51,289	68,200	82,530
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,697,646	2,153,169	2,939,900	3,415,902

SUMMARY RECAP OF FYDP PROGRAMS

	FY 1982	FY 1983	FY 1984	FY 1985
GENERAL PURPOSE FORCES	2,719	700	2,100	2,152
INTTELLIGENCE AND COMMUNICATIONS	696,680	1,037,893	1,656,670	1,932,649
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	986,247	1,112,896	1,279,030	1,479,133
SUPPORT OF OTHER NATIONS		2,000	2,200	1,968
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,697,646	2,153,169	2,939,900	3,415,902

SUMMARY RECAP OF DEFENSE AGENCIES

	FY 1982	FY 1983	FY 1984	FY 1985
DEFENSE MAPPING AGENCY	20,900	23,189	33,200	42,463
DEPARTMENT OF DEFENSE (OSD AND OASD'S)	675,462	729,600	887,700	996,700
DEFENSE ADVANCED RESEARCH PROJECTS AGENCY				
NATIONAL SECURITY AGENCY	259,407	315,000	330,800	365,470
DEFENSE NUCLEAR AGENCY				
DEFENSE RECONNAISSANCE SUPPORT PROGRAM	106,410	105,926	92,800	83,845
DEFENSE COMMUNICATIONS AGENCY				
DEFENSE INTELLIGENCE AGENCY	17,774	20,000	24,600	28,477
DEFENSE LOGISTICS AGENCY	1,650	1,800	1,800	1,874
UNIFORMED SERVICES UNIVERSITY HEALTH SCIENCES				
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,697,646	2,153,169	2,939,900	3,415,902

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DEFENSE AGENCIES
FY 1984 R D T & E PROGRAM

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO	ITEM NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985 C	E S
1	61101E	DEFENSE RESEARCH SCIENCES	1	92,490	101,000	108,600	125,300	U
2	61101W	IN-HOUSE LAB INDEPENDENT RESEARCH	1	1,650	1,800	1,800	1,874	U
3	62101E	TECHNICAL STUDIES	1	3,300	1,000	1,200	1,500	U
4	62301E	STRATEGIC TECHNOLOGY	1	154,630	161,500	207,900	252,700	U
5	62702E	TACTICAL TECHNOLOGY	1	76,700	93,500	120,800	148,500	U
6	62707E	PARTICLE BEAM TECHNOLOGY	1	30,560	33,000	33,100	36,400	U
7	62708E	INTEGRATED COMD/CONTROL TECH	1	41,100	45,300	50,000	55,000	U
8	62711E	EXPERIMENTAL EVAL MAJ INNOVATIVE TECH	1	237,670	253,500	290,000	315,500	U
9	62712E	MATERIALS PROCESSING TECH	1	14,830	15,400	25,700	29,200	U
10	62714E	NUCLEAR MONITORING	1	16,916	17,300	19,000	21,000	U
11	62716H	DEFENSE NUCLEAR AGENCY	1	259,407	315,000	330,500	385,470	U
		TECHNOLOGY BASE	929,243	1,038,300	1,188,600	1,372,444		
12	35108K	COMMAND AND CONTROL RESEARCH	2			2,000	2,500	U
13	63735K	WMMCCS ARCHITECTURE	3	1,020	1,262	1,227	1,288	U
14	32016K	NMCS-WIDE SUPPORT	3	10,762	7,906	6,896	7,120	U
15	32017K	WMMCCS ADP-JTSA	3	14,876	23,355	8,015	2,630	U
16	32019K	WMMCCS SYSTEM ENGINEER	3	48,747	42,759	36,549	31,829	U
17	33131K	MINIMUM ESSENTIAL EMER COMM NETWORK	3	6,483	9,845	12,613	13,081	U

PAGE D-1

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DEFENSE AGENCIES
FY 1984 RDT & E PROGRAM

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NUMBER	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985	S	THOUSANDS OF DOLLARS	
								E	C
18 33182K	WMMCCS INFORMATION SYSTEM	3	3,603	-----	-----	-----	U	-----	-----
	STRATEGIC PROGRAMS	65,491	-----	85,127	65,300	55,956	S	-----	-----
19 21135K	CINC C2 INITIATIVES	4	2,719	700	2,100	2,152	U	2,152	U
20 63701B	MAP/CHART/GEODESY INV/PROTOTYPE DEV	6	15,787	16,993	16,384	16,293	U	16,293	U
21 64701B	MAP/CHART/GEODESY ENGR DEV/TEST	6	6,247	7,052	5,619	6,546	U	6,546	U
22 31011G	CRYPTOLOGIC ACTIVITIES	6	-----	-----	-----	-----	-----	-----	-----
23 31301L	GENERAL DEFENSE INTELLIGENCE PROGRAM	6	78	323	339	356	U	356	U
24 31398L	MANAGEMENT HEADQUARTERS GDIP	6	18,200	18,108	20,523	18,496	U	18,496	U
25 33126K	LONG-HAUL COMMUNICATIONS (DCS)	6	-----	-----	-----	-----	-----	-----	-----
26 33127K	SUPPORT OF THE NCS	6	-----	1,990	2,877	4,741	U	4,741	U
27 33401G	COMMUNICATIONS SECURITY	6	-----	-----	-----	-----	-----	-----	-----
28 35159B	DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES	6	-----	-----	-----	-----	-----	-----	-----
29 35169I	DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES	6	-----	-----	-----	-----	-----	-----	-----
30 35169L	DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES	6	-----	-----	-----	-----	-----	-----	-----
31 35167G	COMPUTER SECURITY	6	-----	-----	-----	-----	-----	-----	-----
32 35885G	TACTICAL CRYPTOLOGIC ACTIVITIES	6	-----	631,243	977,773	1,612,700	S	1,900,320	-----
	INTELLIGENCE AND COMMUNICATIONS	6	-----	-----	-----	-----	-----	-----	-----
33 65104D	TECHNICAL SUPPORT TO USDR/E	6	12,100	11,013	15,932	22,141	U	22,141	U
34 65106D	GENERAL SUPPORT FOR PA/E	6	2,200	1,835	3,185	4,400	U	4,400	U
35 65107D	SUPPORT TO POLICY	6	2,100	3,294	4,858	4,865	U	4,865	U

PAGE D-2

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**FY 1984 R D T & E PROGRAM
DEFENSE AGENCIES**

APPROPRIATION: \$400,000 **DEVELOPMENT TEST & EVALUATION:** \$400,000 **DEFENSE AGENCIES:**

EXHIBIT R-1

DATE: 31 JAN 1983

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
36	65108D GENERAL SUPPORT FOR NET ASSESSMENT	6	1,900	3,212	4,337
37	65109D GENERAL SUPPORT FOR MRA/L	6	2,600	1,835	2,688
38	65801S DEFENSE TECHNICAL INFO CENTER	6	14,574	16,000	18,760
39	65802S INFORMATION ANALYSIS CENTERS	6	3,200	4,000	5,840
40	65899E MTR HQ (RESEARCH/DEVELOPMENT)	6	7,276	8,100	11,400
41	01015D TECHNOLOGY TRANSFER FUNCTIONS	6	-----	2,000	2,200
	DEFENSEWIDE MISSION SUPPORT	45,950	51,269	69,200	-----
TOTAL	RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,697,646	2,153,189	2,939,900	3,415,902

Page 02

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DEFENSE AGENCIES

FY 1984 R D T & E PROGRAM

SUMMARY

EXHIBIT R-1'

DATE: 31 JAN 1983

THOUSANDS OF DOLLARS

SUMMARY RECAP OF RESEARCH CATEGORIES

	FY 1982	FY 1983	FY 1984	FY 1985
MANAGEMENT AND SUPPORT	53,000	55,000	56,800	60,248
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 8)	53,000	55,000	56,800	60,248
TOTAL DIRECTOR OF TEST + EVALUATION, DEFENSE	53,000	55,000	56,800	60,248

SUMMARY RECAP OF BUDGET ACTIVITIES

	FY 1982	FY 1983	FY 1984	FY 1985
DEFENSEWIDE MISSION SUPPORT	53,000	55,000	56,800	60,248
TOTAL DIRECTOR OF TEST + EVALUATION, DEFENSE	53,000	55,000	56,800	60,248

SUMMARY RECAP OF FYDP PROGRAMS

	FY 1982	FY 1983	FY 1984	FY 1985
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 8)	53,000	55,000	56,800	60,248
TOTAL DIRECTOR OF TEST + EVALUATION, DEFENSE	53,000	55,000	56,800	60,248

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DEFENSE AGENCIES
FY 1984 R D T & E PROGRAM

APPROPRIATION: 0460 D DIRECTOR OF TEST + EVALUATION, DEFENSE

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1982	FY 1983	FY 1984
1 65111D	FOREIGN WEAPONS EVALUATION	6	10,800	11,600	11,800
2 65804D	TEST AND EVALUATION	6	42,100	43,400	45,000
	DEFENSEWIDE MISSION SUPPORT		63,000	55,000	56,800
					60,248
TOTAL	DIRECTOR OF TEST + EVALUATION, DEFENSE		63,000	65,000	56,800
					60,248

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PAGE D-6

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**DEFENSE ADVANCED RESEARCH PROJECTS AGENCY
FY 1981 BUDGET & PROGRAM**

THE JOURNAL OF CLIMATE

EXHIBIT R-1

DATE: 31 JAN 1983

ITEM NOMENCLATURE

1	61101E	DEFENSE RESEARCH SCIENCES
3	62101E	TECHNICAL STUDIES
4	62301E	STRATEGIC TECHNOLOGY
5	62702E	TACTICAL TECHNOLOGY
6	62707E	PARTICLE BEAM TECHNOLOGY
7	62708E	INTEGRATED COMD/CONTROL TECH
8	62711E	EXPERIMENTAL EVAL MAJ INNOVATIVE TECH
9	62712E	MATERIALS PROCESSING TECH
10.	62714E	NUCLEAR MONITORING

10 65090E MGT HQ (RESEARCH/DEVELOPMENT)

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY

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PAGE D-9

998,700

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NATIONAL SECURITY AGENCY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	S			C
		ACT	FY 1982	FY 1983	
E					
22	310110 CRYPTOLOGIC ACTIVITIES			6	
27	334010 COMMUNICATIONS SECURITY			6	
31	351670 COMPUTER SECURITY			6	
32	358860 TACTICAL CRYPTOLOGIC ACTIVITIES INTELLIGENCE AND COMMUNICATIONS			6	
TOTAL	NATIONAL SECURITY AGENCY				

PAGE D-9

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DEFENSE NUCLEAR AGENCY
FY 1984 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			
		ACT	FY 1982	FY 1983	FY 1984
11 6271SH	DEFENSE NUCLEAR AGENCY	1	269,407	315,000	330,500
TOTAL	DEFENSE NUCLEAR AGENCY		269,407	315,000	330,500
					385,470

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PAGE D-10

UNCLASSIFIED

DEFENSE RECONNAISSANCE SUPPORT PROGRAM
FY 1984 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			
		ACT	FY 1982	FY 1983	FY 1984
29 361691	DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES	5			
TOTAL	DEFENSE RECONNAISSANCE SUPPORT PROGRAM				

PAGE D-11

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DEFENSE COMMUNICATIONS AGENCY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM	LINE ELEMENT NO	ITEM NOMENCLATURE	ACT	FY 1982	FY 1983	FY 1984	FY 1985	E/S
						THOUSANDS OF DOLLARS		
12	35100K	COMMAND AND CONTROL RESEARCH	2			2,000	2,500	U
13	63735K	WMMCCS ARCHITECTURE	3	1,020	1,262	1,227	1,288	U
14	32016K	NMCS-WIDE SUPPORT	3	10,762	7,906	6,896	7,120	U
15	32017K	WMMCCS ADP-JTSA	3	14,876	23,355	8,015	2,638	U
16	32019K	WMMCCS SYSTEM ENGINEER	3	48,747	42,759	36,549	31,829	U
17	33131K	MINIMUM ESSENTIAL EMER COMM NETWORK	3	6,483	9,845	12,613	13,081	U
18	33152K	WMMCCS INFORMATION SYSTEM	3	3,603				U
		STRATEGIC PROGRAMS		85,491	85,127	65,300	55,956	
19	21135K	CINC C2 INITIATIVES	4	2,719	700	2,100	2,152	U
25	33126K	LONG-HAUL COMMUNICATIONS (DCS)	8	18,200	18,106	20,523	16,496	U
26	33127K	SUPPORT OF THE NCS	6		1,990	2,877	4,741	U
		INTELLIGENCE AND COMMUNICATIONS		18,200	20,098	23,400	23,237	
		TOTAL DEFENSE COMMUNICATIONS AGENCY		106,410	105,925	92,800	83,845	

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PAGE D-12

UNCLASSIFIED

**DEFENSE INTELLIGENCE AGENCY
FY 1984 RDT&E PROGRAM**

EXHIBIT R-1

DEF AGENCIES

DATE: 31 JAN 1963

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			
		ACT	FY 1982	FY 1983	FY 1984
		E	S	E	C
23	31301L GENERAL DEFENSE INTELLIGENCE PROGRAM	6			
24	31398L MANAGEMENT HEADQUARTERS QDIP	6	78	323	339
30	36159L DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES	6			
	INTELLIGENCE AND COMMUNICATIONS				
	TOTAL DEFENSE INTELLIGENCE AGENCY				

TOTAL DEFENSE INTELLIGENCE AGENCY

PAGE D-13

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DEFENSE LOGISTICS AGENCY
FY 1984 R D T & E PROGRAM

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL. DEF AGENCIES

EXHIBIT R-1

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS				
		ACT	FY 1982	FY 1983	FY 1984	FY 1985 C E
38	65801S DEFENSE TECHNICAL INFO CENTER	6	14,574	16,000	18,760	20,647 U
39	65802S INFORMATION ANALYSIS CENTERS DEFENSEWIDE MISSION SUPPORT	6	3,200	4,000	5,940	7,830 U
			17,774	20,000	24,600	28,477
	TOTAL DEFENSE LOGISTICS AGENCY	17,774	20,000	24,600	28,477	

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PAGE D-14

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UNIFORMED SERVICES UNIVERSITY HEALTH SCIENCES
FY 1984 RDT & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 31 JAN 1983

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			
		ACT	FY 1982	FY 1983	FY 1984
2	61101W IN-HOUSE LAB INDEPENDENT RESEARCH	1	1,650	1,800	1,800
TOTAL	UNIFORMED SERVICES UNIVERSITY HEALTH SCIENCES		1,650	1,800	1,800

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PAGE D-15

111

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